

Service Manual

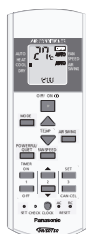
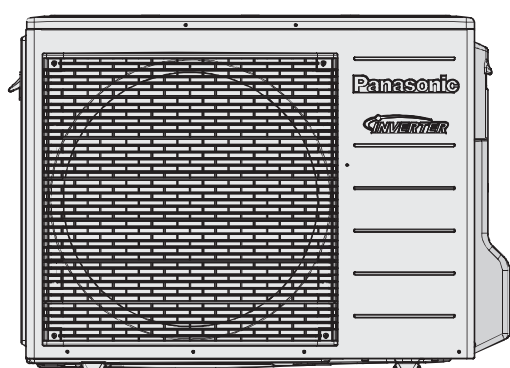
Air Conditioner



Indoor Unit
CS-E18RB4EAW
CS-E21RB4EAW

Outdoor Unit
CU-E18RBEA
CU-E21RBEA

Destination
Europe
Turkey



Please file and use this manual together with the Service Manual for Model No. CU-2E15PBE, CU-2E18PBE, CU-3E18PBE, CU-4E23PBE, CU-4E27PBE, CU-5E34PBE, Order No. PAPAMY1301048CE, PAPAMY1303046CE

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by  in the Schematic Diagrams, Circuit Board Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.



PRECAUTION OF LOW TEMPERATURE

In order to avoid frostbite, be assured of no refrigerant leakage during the installation or repairing of refrigerant circuit.

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2. Specifications

Model			Indoor		CS-E18RB4EAW						
			Outdoor		CU-E18RBEA						
Performance Test Condition					EUROVENT						
Power Supply			Phase, Hz		Single, 50						
			V		220			230			
					Min.	Mid.	Max.	Min.	Mid.	Max.	
Cooling	Capacity		kW		0.90	5.00	5.80	0.90	5.00	5.80	
			BTU/h		3070	17100	19800	3070	17100	19800	
			kcal/h		770	4300	4990	770	4300	4990	
	Running Current		A		—	7.50	—	—	7.20	—	
	Input Power		W		255	1.60k	1.95k	255	1.60k	1.95k	
	Annual Consumption		kWh		—	800	—	—	800	—	
	EER		W/W		3.53	3.13	2.97	3.53	3.13	2.97	
			BTU/hW		12.04	10.69	10.15	12.04	10.69	10.15	
			kcal/hW		3.02	2.69	2.56	3.02	2.69	2.56	
	ErP	Pdesign		kW		5.0					
		SEER		(W/W)		5.8					
		Annual Consumption		kWh		302					
		Class				A+					
	Power Factor		%		—	97	—	—	97	—	
	Indoor Noise (H / L / QLo)		dB-A		37 / 28 / 25			37 / 28 / 25			
			Power Level dB		53 / 44 / 41			53 / 44 / 41			
	Outdoor Noise (H / L / QLo)		dB-A		47 / — / —			47 / — / —			
			Power Level dB		61 / — / —			61 / — / —			
Capacity		kW		0.90	5.60	7.10	0.90	5.60	7.10		
		BTU/h		3070	19100	24200	3070	19100	24200		
		kcal/h		770	4820	6110	770	4820	6110		
Running Current		A		—	8.60	—	—	8.30	—		
Input Power		W		260	1.86k	2.43k	260	1.86k	2.43k		
COP		W/W		3.46	3.01	2.92	3.46	3.01	2.92		
		BTU/hW		11.81	10.27	9.96	11.81	10.27	9.96		
		kcal/hW		2.96	2.59	2.51	2.96	2.59	2.51		
ErP	Pdesign		kW		3.8						
	Tbivalent		°C		-10						
	SCOP		(W/W)		4.1						
	Annual Consumption		kWh		1298						
	Class				A+						
Power Factor		%		—	98	—	—	97	—		
Indoor Noise (H / L / QLo)		dB-A		38 / 29 / 26			38 / 29 / 26				
		Power Level dB		54 / 45 / 42			54 / 45 / 42				
Outdoor Noise (H / L / QLo)		dB-A		48 / — / —			48 / — / —				
		Power Level dB		62 / — / —			62 / — / —				
※3 Low Temp. : Capacity (kW) / I. Power (W) / COP					5.14 / 2.15k / 2.39						
※4 Extr Low Temp. : Capacity (kW) / I. Power (W) / COP					4.37 / 2.24k / 1.95						
Max Current (A) / Max Input Power (W)					11.1 / 2.43k						
Starting Current (A)					8.60						

Model			Indoor		CS-E18RB4EAW	
			Outdoor		CU-E18RBEA	
Compressor	Type		Hermetic Motor (Rotary)			
	Motor Type		Brushless (4 poles)			
	Output Power		W900			
Indoor Fan	Type		BACKWARD FAN			
	Material		ABS			
	Motor Type		DC / Transistor (8-poles)			
	Input Power		W—			
	Output Power		W40			
	Speed	QLo	Cool	rpm	360	
			Heat	rpm	430	
		Lo	Cool	rpm	390	
			Heat	rpm	450	
		Me	Cool	rpm	500	
			Heat	rpm	540	
		Hi	Cool	rpm	620	
			Heat	rpm	640	
		SHi	Cool	rpm	670	
			Heat	rpm	690	
Outdoor Fan	Type		Propeller Fan			
	Material		PP			
	Motor Type		DC (8-poles)			
	Input Power		W—			
	Output Power		W40			
	Speed	Hi	Cool	rpm	640	
			Heat	rpm	640	
	Moisture Removal		L/h (Pt/h)		2.8 (5.9)	
Indoor Airflow	QLo	Cool	m³/min (ft³/min)	7.2 (254)		
		Heat	m³/min (ft³/min)	8.3 (293)		
	Lo	Cool	m³/min (ft³/min)	7.7 (272)		
		Heat	m³/min (ft³/min)	8.7 (307)		
	Me	Cool	m³/min (ft³/min)	9.5 (335)		
		Heat	m³/min (ft³/min)	10.2 (360)		
	Hi	Cool	m³/min (ft³/min)	11.5 (405)		
		Heat	m³/min (ft³/min)	11.8 (415)		
	SHi	Cool	m³/min (ft³/min)	12.3 (434)		
		Heat	m³/min (ft³/min)	12.7 (448)		
Outdoor Airflow	Hi	Cool	m³/min (ft³/min)	39.2 (1385)		
		Heat	m³/min (ft³/min)	39.2 (1385)		
Refrigeration Cycle	Control Device		Expansion Valve			
	Refrigerant Oil		cm³FV50S (450)			
	Refrigerant Type		g (oz)R410A, 1.23k (43.4)			
Dimension	Height (I/D / O/D / PANEL)		mm (inch)		260 (10-1/4) / 695 (27-3/8) / 51 (2-1/32)	
	Width (I/D / O/D / PANEL)		mm (inch)		575 (22-21/32) / 875 (34-15/32) / 700 (27-9/16)	
	Depth (I/D / O/D / PANEL)		mm (inch)		575 (22-21/32) / 320 (12-5/8) / 700 (27-9/16)	
Weight	Net (I/D / O/D / PANEL)		kg (lb)		18 (40) / 47 (104) / 2.5 (6)	

Model		Indoor	CS-E18RB4EAW	
		Outdoor	CU-E18RBEA	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 12.70 (1/2)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	3 (9.8) ~ 30 (98.4)	
	I/D & O/D Height different	m (ft)	20.0 (65.6)	
	Additional Gas Amount	g/m (oz/ft)	20 (0.2)	
	Length for Additional Gas	m (ft)	10 (32.8)	
Drain Hose	Inner Diameter	mm	30	
	Length	mm	193	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 10 × 18	
	Size (W × H × L)	mm	1330:1270 × 210 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Corrugated Fin	
	Row × Stage × FPI		2 × 31 × 19	
	Size (W × H × L)	mm	36.4 × 651 × 854.5:824.5	
Air Filter	Material		–	
	Type		–	
Power Supply			Outdoor	
Power Supply Cord		A	Nil	
Thermostat			Electronic Control	
Protection Device			Electronic Control	
			Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C	32	23
		Minimum °C	16	11
	Heating	Maximum °C	30	–
		Minimum °C	16	–
Outdoor Operation Range	Cooling	Maximum °C	43	26
		Minimum °C	-10	–
	Heating	Maximum °C	24	18
		Minimum °C	-10	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb)
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb)
- ※3 Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C
- ※4 Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C
- Standby power consumption ≤0.7W (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

Model			Indoor		CS-E21RB4EAW						
			Outdoor		CU-E21RBEA						
Performance Test Condition					EUROVENT						
Power Supply			Phase, Hz		Single, 50						
			V		220			230			
					Min.	Mid.	Max.	Min.	Mid.	Max.	
Cooling	Capacity		kW		0.90	5.90	6.30	0.90	5.90	6.30	
			BTU/h		3070	20100	21500	3070	20100	21500	
			kcal/h		770	5070	5420	770	5070	5420	
	Running Current		A		—	9.40	—	—	9.10	—	
	Input Power		W		255	2.05k	2.20k	255	2.05k	2.20k	
	Annual Consumption		kWh		—	1025	—	—	1025	—	
	EER		W/W		3.53	2.88	2.86	3.53	2.88	2.86	
			BTU/hW		12.04	9.80	9.77	12.04	9.80	9.77	
			kcal/hW		3.02	2.47	2.46	3.02	2.47	2.46	
	ErP	Pdesign		kW		5.9					
		SEER		(W/W)		5.6					
		Annual Consumption		kWh		369					
		Class				A+					
	Power Factor		%		—	99	—	—	98	—	
	Indoor Noise (H / L / QLo)		dB-A		42 / 33 / 30			42 / 33 / 30			
			Power Level dB		58 / 49 / 46			58 / 49 / 46			
	Outdoor Noise (H / L / QLo)		dB-A		49 / — / —			49 / — / —			
			Power Level dB		63 / — / —			63 / — / —			
	Heating	Capacity		kW		0.90	7.00	8.00	0.90	7.00	8.00
				BTU/h		3070	23900	27300	3070	23900	27300
kcal/h				770	6020	6880	770	6020	6880		
Running Current		A		—	11.40	—	—	11.10	—		
Input Power		W		260	2.45k	2.82k	260	2.45k	2.82k		
COP		W/W		3.46	2.86	2.84	3.46	2.86	2.84		
		BTU/hW		11.81	9.76	9.68	11.81	9.76	9.68		
		kcal/hW		2.96	2.46	2.44	2.96	2.46	2.44		
ErP		Pdesign		kW		4.0					
		Tbivalent		°C		-10					
		SCOP		(W/W)		4.1					
		Annual Consumption		kWh		1366					
		Class				A+					
Power Factor		%		—	98	—	—	96	—		
Indoor Noise (H / L / QLo)		dB-A		43 / 34 / 31			43 / 34 / 31				
		Power Level dB		59 / 50 / 47			59 / 50 / 47				
Outdoor Noise (H / L / QLo)		dB-A		50 / — / —			50 / — / —				
		Power Level dB		64 / — / —			64 / — / —				
※3 Low Temp. : Capacity (kW) / I. Power (W) / COP					5.80 / 2.50k / 2.32						
※4 Extr Low Temp. : Capacity (kW) / I. Power (W) / COP					5.07 / 2.60k / 1.95						
Max Current (A) / Max Input Power (W)					12.9 / 2.82k						
Starting Current (A)					11.40						

Model				Indoor	CS-E21RB4EAW
				Outdoor	CU-E21RBEA
Compressor	Type				Hermetic Motor (Rotary)
	Motor Type				Brushless (4 poles)
	Output Power			W	900
Indoor Fan	Type				BACKWARD FAN
	Material				ABS
	Motor Type				DC / Transistor (8-poles)
	Input Power			W	–
	Output Power			W	40
	Speed	QLo	Cool	rpm	460
			Heat	rpm	480
		Lo	Cool	rpm	510
			Heat	rpm	540
		Me	Cool	rpm	600
			Heat	rpm	660
		Hi	Cool	rpm	700
			Heat	rpm	780
		SHi	Cool	rpm	750
			Heat	rpm	820
Outdoor Fan	Type				Propeller Fan
	Material				PP
	Motor Type				DC (8-poles)
	Input Power			W	–
	Output Power			W	40
	Speed	Hi	Cool	rpm	680
			Heat	rpm	670
Moisture Removal			L/h (Pt/h)	3.3 (7.0)	
Indoor Airflow	QLo	Cool	m³/min (ft³/min)	7.7 (272)	
		Heat	m³/min (ft³/min)	9.0 (318)	
	Lo	Cool	m³/min (ft³/min)	8.7 (307)	
		Heat	m³/min (ft³/min)	10.1 (357)	
	Me	Cool	m³/min (ft³/min)	10.5 (371)	
		Heat	m³/min (ft³/min)	12.4 (438)	
	Hi	Cool	m³/min (ft³/min)	12.4 (440)	
		Heat	m³/min (ft³/min)	14.6 (515)	
	SHi	Cool	m³/min (ft³/min)	13.4 (473)	
		Heat	m³/min (ft³/min)	15.3 (540)	
Outdoor Airflow	Hi	Cool	m³/min (ft³/min)	40.4 (1425)	
		Heat	m³/min (ft³/min)	40.4 (1425)	
Refrigeration Cycle	Control Device			Expansion Valve	
	Refrigerant Oil		cm³	FV50S (450)	
	Refrigerant Type		g (oz)	R410A, 1.30k (45.9)	
Dimension	Height (I/D / O/D / PANEL)		mm (inch)	260 (10-1/4) / 695 (27-3/8) / 51 (2-1/32)	
	Width (I/D / O/D / PANEL)		mm (inch)	575 (22-21/32) / 875 (34-15/32) / 700 (27-9/16)	
	Depth (I/D / O/D / PANEL)		mm (inch)	575 (22-21/32) / 320 (12-5/8) / 700 (27-9/16)	
Weight	Net (I/D / O/D) / PANEL		kg (lb)	18 (40) / 47 (104) / 2.5 (6)	

Model		Indoor	CS-E21RB4EAW	
		Outdoor	CU-E21RBEA	
Piping	Pipe Diameter (Liquid / Gas)	mm (inch)	6.35 (1/4) / 12.70 (1/2)	
	Standard length	m (ft)	5.0 (16.4)	
	Length range (min – max)	m (ft)	3 (9.8) ~ 30 (98.4)	
	I/D & O/D Height different	m (ft)	20.0 (65.6)	
	Additional Gas Amount	g/m (oz/ft)	20 (0.2)	
	Length for Additional Gas	m (ft)	10 (32.8)	
Drain Hose	Inner Diameter	mm	30	
	Length	mm	193	
Indoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Slit Fin	
	Row × Stage × FPI		2 × 10 × 20	
	Size (W × H × L)	mm	1330:1270 × 210 × 25.4	
Outdoor Heat Exchanger	Fin Material		Aluminium (Pre Coat)	
	Fin Type		Corrugated Fin	
	Row × Stage × FPI		2 × 31 × 19	
	Size (W × H × L)	mm	36.4 × 651 × 854.5:824.5	
Air Filter	Material		–	
	Type		–	
Power Supply			Outdoor	
Power Supply Cord		A	Nil	
Thermostat			Electronic Contol	
Protection Device			Electronic Contol	
			Dry Bulb	Wet Bulb
Indoor Operation Range	Cooling	Maximum °C	32	23
		Minimum °C	16	11
	Heating	Maximum °C	30	–
		Minimum °C	16	–
Outdoor Operation Range	Cooling	Maximum °C	43	26
		Minimum °C	-10	–
	Heating	Maximum °C	24	18
		Minimum °C	-10	–

- Cooling capacities are based on indoor temperature of 27°C Dry Bulb (80.6°F Dry Bulb), 19.0°C Wet Bulb (66.2°F Wet Bulb) and outdoor air temperature of 35°C DRY BULB (95°F Dry Bulb), 24°C Wet Bulb (75.2°F Wet Bulb)
- Heating capacities are based on indoor temperature of 20°C Dry Bulb (68°F Dry Bulb) and outdoor air temperature of 7°C Dry Bulb (44.6°F Dry Bulb), 6°C Wet Bulb (42.8°F Wet Bulb)
- ※3 Heating low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor 2/1°C
- ※4 Heating extreme low temperature capacity, Input Power and COP measured at 230 V, indoor temperature 20°C, outdoor -7/-8°C
- Standby power consumption ≤0.7W (when switched OFF by remote control, except under self protection control).
- Specifications are subjected to change without prior notice for further improvement.

• **Multi Split Combination Possibility:**

- A single outdoor unit enables air conditioning of up to two separate rooms for CU-2E15PBE, CU-2E18PBE.
- A single outdoor unit enables air conditioning of up to three separate rooms for CU-3E18PBE.
- A single outdoor unit enables air conditioning of up to four separate rooms for CU-4E23PBE.
- A single outdoor unit enables air conditioning of up to four separate rooms for CU-4E27PBE.
- A single outdoor unit enables air conditioning of up to five separate rooms for CU-5E34PBE.

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT										
			CU-2E15PBE		CU-2E18PBE		CU-3E18PBE			CU-4E23PBE			
Type/ROOM			A	B	A	B	A	B	C	A	B	C	D
Wall	1.6kW	CS-ME5PKE	●	●	●	●	●	●	●	●	●	●	●
	2.0kW	CS-E7PKEW CS-XE7PKEW	●	●	●	●	●	●	●	●	●	●	●
	2.5kW	CS-E9PKEW CS-XE9PKEW CS-ME9PD3EA CS-ME18RB4EA CS-E9GFEW CS-E9GFEW-2 CS-E9PD3EA CS-E9PB4EA	●	●	●	●	●	●	●	●	●	●	●
	3.2kW	CS-E12PKEW CS-XE12PKEW CS-ME12PD3EA CS-ME24RB4EA CS-E12GFEW CS-E12GFEW-2 CS-E12PD3EA CS-E12PB4EA	●	●	●	●	●	●	●	●	●	●	●
	4.0kW	CS-E15PKEW CS-XE15PKEW	—	—	—	—	●	●	●	●	●	●	●
	5.0kW	CS-E18PKEW CS-XE18PKEW CS-ME18PD3EA CS-ME18PB4EA CS-E18GFEW CS-E18GFEW-2 CS-E18RB4EAW	—	—	—	—	●	●	●	●	●	●	●
	6.0kW	CS-E21PKEW CS-XE21PKEW CS-ME21PB4EA CS-E21RB4EAW	—	—	—	—	—	—	—	●	●	●	●
	Capacity range of connectable indoor units		From 3.2kW to 5.6kW		From 3.2kW to 6.4kW		From 4.5kW to 9.0kW			From 4.5kW to 11.0 kW			
Pipe length	1 room maximum pipe length (m)	20		20		25			25				
	Allowable elevation (m)	10		10		15			15				
	Total allowable pipe length (m)	30		30		50			60				
	Total pipe length for maximum chargeless length (m)	20		20		30			30				
	Additional gas amount over chargeless length (g/m)	15		15		20			20				
Note: “●” : Available													
Remarks for CU-2E15PBE / CU-2E18PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-2E15PBE. (Total nominal capacity of indoor units is between 3.2kW to 5.6kW) 1) Two CS-E7PKEW only (Total nominal cooling capacity is 4.0kW) 2) One CS-E7PKEW and one CS-E9PKEW. (Total nominal cooling capacity is 4.5kW)													
Remarks for CU-3E18PBE / CU-4E23PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-3E18PBE. (Total nominal capacity of indoor units is between 4.5kW to 9.0kW) 1) Two CS-E9PKEW only (Total nominal cooling capacity is 5.0kW) 2) Three CS-E12PKEW. (Total nominal cooling capacity is 9.6kW)													

CONNECTABLE INDOOR UNIT			OUTDOOR UNIT											
			CU-4E27PBE				CU-5E34PBE							
Type/ROOM			A	B	C	D	A	B	C	D	E			
Wall	2.0kW	CS-E7PKEW CS-XE7PKEW	●	●	●	●	●	●	●	●	●			
	2.5kW	CS-E9PKEW CS-XE9PKEW CS-ME9PD3EA CS-ME18RB4EA CS-E9GFEW CS-E9GFEW-2 CS-E9PD3EA CS-E9PB4EA	●	●	●	●	●	●	●	●	●			
		3.2kW	CS-E12PKEW CS-XE12PKEW CS-ME12PD3EA CS-ME24RB4EA CS-E12GFEW CS-E12GFEW-2 CS-E12PD3EA CS-E12PB4EA	●	●	●	●	●	●	●	●	●		
			4.0kW	CS-E15PKEW CS-XE15PKEW	●	●	●	●	●	●	●	●	●	
			5.0kW	CS-E18PKEW CS-XE18PKEW CS-ME18PD3EA CS-ME18PB4EA CS-E18GFEW CS-E18GFEW-2 CS-E18RB4EAW	●	●	●	●	●	●	●	●	●	
				6.0kW	CS-E21PKEW CS-XE21PKEW CS-ME21PB4EA CS-E21RB4EAW	●	●	●	●	●	●	●	●	●
					7.0kW	CS-E24PKEW	●	●	●	●	●	●	●	●
	Capacity range of connectable indoor units			From 4.5kW to 13.6kW				From 4.5kW to 17.5 kW						
Pipe length	1 room maximum pipe length (m)	25				25								
	Allowable elevation (m)	15				15								
	Total allowable pipe length (m)	70				80								
	Total pipe length for maximum chargeless length (m)	45				45								
	Additional gas amount over chargeless length (g/m)	20				20								
Note: “●” : Available														
Remarks for CU-4E27PBE / CU-5E34PBE 1. At least two indoor units must be connected. 2. The total nominal cooling capacity of indoor units that will be connected to outdoor unit must be within connectable capacity range of indoor unit. (as shown in the table above) Example: The indoor units' combination below is possible to connect to CU-4E27PBE. (Total nominal capacity of indoor units is between 4.5kW to 13.6kW) 1) Two CS-E9PKEW only (Total nominal cooling capacity is 5.0kW) 2) Three CS-E12PKEW. (Total nominal cooling capacity is 9.6kW)														

- Indoor Unit : CS-ME5PKE, CS-E7/9/12PKEW, CS-E9/12GFEW, CS-ME9/12PB4EA, CS-ME9/12PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-2E15PBE

2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6	3.2	1.6	1.6
1.6 + 2.0	3.6	2.0	2.0
1.6 + 2.5	4.1	2.5	2.5
1.6 + 2.8	4.4	2.8	2.8
1.6 + 3.2	4.8	3.2	3.2
2.0 + 2.0	4.0		
2.0 + 2.5	4.5		
2.0 + 2.8	4.8		
2.0 + 3.2	5.2		
2.5 + 2.5	5.0		
2.5 + 2.8	5.3		
2.8 + 2.8	5.6		

- Indoor Unit : CS-ME5PKE, CS-E7/9/12PKEW, CS-E9/12GFEW, CS-ME9/12PB4EA, CS-ME9/12PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA
- Outdoor Unit : CU-2E18PBE

2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6	3.2	1.6	1.6
1.6 + 2.0	3.6	2.0	2.0
1.6 + 2.5	4.1	2.5	2.5
1.6 + 2.8	4.4	2.8	2.8
1.6 + 3.2	4.8	3.2	3.2
2.0 + 2.0	4.0		
2.0 + 2.5	4.5		
2.0 + 2.8	4.8		
2.0 + 3.2	5.2		
2.5 + 2.5	5.0		
2.5 + 2.8	5.3		
2.5 + 3.2	5.7		
2.8 + 2.8	5.6		
2.8 + 3.2	6.0		
3.2 + 3.2	6.4		

- Indoor Unit : CS-ME5PKE, CS-E7/9/12/15/18PKEW, CS-E9/12/18GFEW, CS-ME9/12/18PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA, CS-E18RB4EAW
- Outdoor Unit : CU-3E18PBE

3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6 + 1.6	4.8	1.6 + 3.2	4.8	1.6	1.6
1.6 + 1.6 + 2.0	5.2	1.6 + 4.0	5.6	2.0	2.0
1.6 + 1.6 + 2.5	5.7	1.6 + 5.0	6.6	2.5	2.5
1.6 + 1.6 + 2.8	6.0	2.0 + 2.5	4.5	2.8	2.8
1.6 + 1.6 + 3.2	6.4	2.0 + 2.8	4.8	3.2	3.2
1.6 + 1.6 + 4.0	7.2	2.0 + 3.2	5.2	4.0	4.0
1.6 + 1.6 + 5.0	8.2	2.0 + 4.0	6.0	5.0	5.0
1.6 + 2.0 + 2.0	5.6	2.0 + 5.0	7.0		
1.6 + 2.0 + 2.5	6.1	2.5 + 2.5	5.0		
1.6 + 2.0 + 2.8	6.4	2.5 + 2.8	5.3		
1.6 + 2.0 + 3.2	6.8	2.5 + 3.2	5.7		
1.6 + 2.0 + 4.0	7.6	2.5 + 4.0	6.5		
1.6 + 2.0 + 5.0	8.6	2.5 + 5.0	7.5		
1.6 + 2.5 + 2.5	6.6	2.8 + 2.8	5.6		
1.6 + 2.5 + 2.8	6.9	2.8 + 3.2	6.0		
1.6 + 2.5 + 3.2	7.3	2.8 + 4.0	6.8		
1.6 + 2.5 + 4.0	8.1	2.8 + 5.0	7.8		
1.6 + 2.8 + 2.8	7.2	3.2 + 3.2	6.4		
1.6 + 2.8 + 3.2	7.6	3.2 + 4.0	7.2		
1.6 + 2.8 + 4.0	8.4	3.2 + 5.0	8.2		
1.6 + 3.2 + 3.2	8.0	4.0 + 4.0	8.0		
1.6 + 3.2 + 4.0	8.8	4.0 + 5.0	9.0		
2.0 + 2.0 + 2.0	6.0				
2.0 + 2.0 + 2.5	6.5				
2.0 + 2.0 + 2.8	6.8				
2.0 + 2.0 + 3.2	7.2				
2.0 + 2.0 + 4.0	8.0				
2.0 + 2.0 + 5.0	9.0				
2.0 + 2.5 + 2.5	7.0				
2.0 + 2.5 + 2.8	7.3				
2.0 + 2.5 + 3.2	7.7				
2.0 + 2.5 + 4.0	8.5				
2.0 + 2.8 + 2.8	7.6				
2.0 + 2.8 + 3.2	8.0				
2.0 + 2.8 + 4.0	8.8				
2.0 + 3.2 + 3.2	8.4				
2.5 + 2.5 + 2.5	7.5				
2.5 + 2.5 + 2.8	7.8				
2.5 + 2.5 + 3.2	8.2				
2.5 + 2.5 + 4.0	9.0				
2.5 + 2.8 + 2.8	8.1				
2.5 + 2.8 + 3.2	8.5				
2.5 + 3.2 + 3.2	8.9				
2.8 + 2.8 + 2.8	8.4				
2.8 + 2.8 + 3.2	8.8				

- Indoor Unit : CS-ME5PKE, CS-E7/9/12/15/18/21PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA, CS-E18/21RB4EAW
- Outdoor Unit : CU-4E23PBE

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
1.6 + 1.6 + 1.6 + 1.6	6.4	1.6 + 1.6 + 1.6	4.8	1.6 + 3.2	4.8	1.6	1.6
1.6 + 1.6 + 1.6 + 2.0	6.8	1.6 + 1.6 + 2.0	5.2	1.6 + 4.0	5.6	2.0	2.0
1.6 + 1.6 + 1.6 + 2.5	7.3	1.6 + 1.6 + 2.5	5.7	1.6 + 5.0	6.6	2.5	2.5
1.6 + 1.6 + 1.6 + 2.8	7.6	1.6 + 1.6 + 2.8	6.0	1.6 + 6.0	7.6	2.8	2.8
1.6 + 1.6 + 1.6 + 3.2	8.0	1.6 + 1.6 + 3.2	6.4	2.0 + 2.5	4.5	3.2	3.2
1.6 + 1.6 + 1.6 + 4.0	8.8	1.6 + 1.6 + 4.0	7.2	2.0 + 2.8	4.8	4.0	4.0
1.6 + 1.6 + 1.6 + 5.0	9.8	1.6 + 1.6 + 5.0	8.2	2.0 + 3.2	5.2	5.0	5.0
1.6 + 1.6 + 1.6 + 6.0	10.8	1.6 + 1.6 + 6.0	9.2	2.0 + 4.0	6.0	6.0	6.0
1.6 + 1.6 + 2.0 + 2.0	7.2	1.6 + 2.0 + 2.0	5.6	2.0 + 5.0	7.0		
1.6 + 1.6 + 2.0 + 2.5	7.7	1.6 + 2.0 + 2.5	6.1	2.0 + 6.0	8.0		
1.6 + 1.6 + 2.0 + 2.8	8.0	1.6 + 2.0 + 2.8	6.4	2.5 + 2.5	5.0		
1.6 + 1.6 + 2.0 + 3.2	8.4	1.6 + 2.0 + 3.2	6.8	2.5 + 2.8	5.3		
1.6 + 1.6 + 2.0 + 4.0	9.2	1.6 + 2.0 + 4.0	7.6	2.5 + 3.2	5.7		
1.6 + 1.6 + 2.0 + 5.0	10.2	1.6 + 2.0 + 5.0	8.6	2.5 + 4.0	6.5		
1.6 + 1.6 + 2.5 + 2.5	8.2	1.6 + 2.0 + 6.0	9.6	2.5 + 5.0	7.5		
1.6 + 1.6 + 2.5 + 2.8	8.5	1.6 + 2.5 + 2.5	6.6	2.5 + 6.0	8.5		
1.6 + 1.6 + 2.5 + 3.2	8.9	1.6 + 2.5 + 2.8	6.9	2.8 + 2.8	5.6		
1.6 + 1.6 + 2.5 + 4.0	9.7	1.6 + 2.5 + 3.2	7.3	2.8 + 3.2	6.0		
1.6 + 1.6 + 2.5 + 5.0	10.7	1.6 + 2.5 + 4.0	8.1	2.8 + 4.0	6.8		
1.6 + 1.6 + 2.8 + 2.8	8.8	1.6 + 2.5 + 5.0	9.1	2.8 + 5.0	7.8		
1.6 + 1.6 + 2.8 + 3.2	9.2	1.6 + 2.5 + 6.0	10.1	2.8 + 6.0	8.8		
1.6 + 1.6 + 2.8 + 4.0	10.0	1.6 + 2.8 + 2.8	7.2	3.2 + 3.2	6.4		
1.6 + 1.6 + 2.8 + 5.0	11.0	1.6 + 2.8 + 3.2	7.6	3.2 + 4.0	7.2		
1.6 + 1.6 + 3.2 + 3.2	9.6	1.6 + 2.8 + 4.0	8.4	3.2 + 5.0	8.2		
1.6 + 1.6 + 3.2 + 4.0	10.4	1.6 + 2.8 + 5.0	9.4	3.2 + 6.0	9.2		
1.6 + 2.0 + 2.0 + 2.0	7.6	1.6 + 2.8 + 6.0	10.4	4.0 + 4.0	8.0		
1.6 + 2.0 + 2.0 + 2.5	8.1	1.6 + 3.2 + 3.2	8.0	4.0 + 5.0	9.0		
1.6 + 2.0 + 2.0 + 2.8	8.4	1.6 + 3.2 + 4.0	8.8	4.0 + 6.0	10.0		
1.6 + 2.0 + 2.0 + 3.2	8.8	1.6 + 3.2 + 5.0	9.8	5.0 + 5.0	10.0		
1.6 + 2.0 + 2.0 + 4.0	9.6	1.6 + 3.2 + 6.0	10.8	5.0 + 6.0	11.0		
1.6 + 2.0 + 2.0 + 5.0	10.6	1.6 + 4.0 + 4.0	9.6				
1.6 + 2.0 + 2.5 + 2.5	8.6	1.6 + 4.0 + 5.0	10.6				
1.6 + 2.0 + 2.5 + 2.8	8.9	2.0 + 2.0 + 2.0	6.0				
1.6 + 2.0 + 2.5 + 3.2	9.3	2.0 + 2.0 + 2.5	6.5				
1.6 + 2.0 + 2.5 + 4.0	10.1	2.0 + 2.0 + 2.8	6.8				
1.6 + 2.0 + 2.8 + 2.8	9.2	2.0 + 2.0 + 3.2	7.2				
1.6 + 2.0 + 2.8 + 3.2	9.6	2.0 + 2.0 + 4.0	8.0				
1.6 + 2.0 + 2.8 + 4.0	10.4	2.0 + 2.0 + 5.0	9.0				
1.6 + 2.0 + 3.2 + 3.2	10.0	2.0 + 2.0 + 6.0	10.0				
1.6 + 2.0 + 3.2 + 4.0	10.8	2.0 + 2.5 + 2.5	7.0				
1.6 + 2.5 + 2.5 + 2.5	9.1	2.0 + 2.5 + 2.8	7.3				
1.6 + 2.5 + 2.5 + 2.8	9.4	2.0 + 2.5 + 3.2	7.7				
1.6 + 2.5 + 2.5 + 3.2	9.8	2.0 + 2.5 + 4.0	8.5				
1.6 + 2.5 + 2.5 + 4.0	10.6	2.0 + 2.5 + 5.0	9.5				
1.6 + 2.5 + 2.8 + 2.8	9.7	2.0 + 2.5 + 6.0	10.5				
1.6 + 2.5 + 2.8 + 3.2	10.1	2.0 + 2.8 + 2.8	7.6				
1.6 + 2.5 + 2.8 + 4.0	10.9	2.0 + 2.8 + 3.2	8.0				
1.6 + 2.5 + 3.2 + 3.2	10.5	2.0 + 2.8 + 4.0	8.8				
1.6 + 2.8 + 2.8 + 2.8	10.0	2.0 + 2.8 + 5.0	9.8				
1.6 + 2.8 + 2.8 + 3.2	10.4	2.0 + 2.8 + 6.0	10.8				
1.6 + 2.8 + 3.2 + 3.2	10.8	2.0 + 3.2 + 3.2	8.4				
2.0 + 2.0 + 2.0 + 2.0	8.0	2.0 + 3.2 + 4.0	9.2				
2.0 + 2.0 + 2.0 + 2.5	8.5	2.0 + 3.2 + 5.0	10.2				
2.0 + 2.0 + 2.0 + 2.8	8.8	2.0 + 4.0 + 4.0	10.0				
2.0 + 2.0 + 2.0 + 3.2	9.2	2.0 + 4.0 + 5.0	11.0				
2.0 + 2.0 + 2.0 + 4.0	10.0	2.5 + 2.5 + 2.5	7.5				
2.0 + 2.0 + 2.0 + 5.0	11.0	2.5 + 2.5 + 2.8	7.8				
2.0 + 2.0 + 2.5 + 2.5	9.0	2.5 + 2.5 + 3.2	8.2				

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0 + 2.0 + 2.5 + 2.8	9.3	2.5 + 2.5 + 4.0	9.0				
2.0 + 2.0 + 2.5 + 3.2	9.7	2.5 + 2.5 + 5.0	10.0				
2.0 + 2.0 + 2.5 + 4.0	10.5	2.5 + 2.5 + 6.0	11.0				
2.0 + 2.0 + 2.8 + 2.8	9.6	2.5 + 2.8 + 2.8	8.1				
2.0 + 2.0 + 2.8 + 3.2	10.0	2.5 + 2.8 + 3.2	8.5				
2.0 + 2.0 + 2.8 + 4.0	10.8	2.5 + 2.8 + 4.0	9.3				
2.0 + 2.0 + 3.2 + 3.2	10.4	2.5 + 2.8 + 5.0	10.3				
2.0 + 2.5 + 2.5 + 2.5	9.5	2.5 + 3.2 + 3.2	8.9				
2.0 + 2.5 + 2.5 + 2.8	9.8	2.5 + 3.2 + 4.0	9.7				
2.0 + 2.5 + 2.5 + 3.2	10.2	2.5 + 3.2 + 5.0	10.7				
2.0 + 2.5 + 2.5 + 4.0	11.0	2.5 + 4.0 + 4.0	10.5				
2.0 + 2.5 + 2.8 + 2.8	10.1	2.8 + 2.8 + 2.8	8.4				
2.0 + 2.5 + 2.8 + 3.2	10.5	2.8 + 2.8 + 3.2	8.8				
2.0 + 2.5 + 3.2 + 3.2	10.9	2.8 + 2.8 + 4.0	9.6				
2.0 + 2.8 + 2.8 + 2.8	10.4	2.8 + 2.8 + 5.0	10.6				
2.0 + 2.8 + 2.8 + 3.2	10.8	2.8 + 3.2 + 3.2	9.2				
2.5 + 2.5 + 2.5 + 2.5	10.0	2.8 + 3.2 + 4.0	10.0				
2.5 + 2.5 + 2.5 + 2.8	10.3	2.8 + 3.2 + 5.0	11.0				
2.5 + 2.5 + 2.5 + 3.2	10.7	2.8 + 4.0 + 4.0	10.8				
2.5 + 2.5 + 2.8 + 2.8	10.6	3.2 + 3.2 + 3.2	9.6				
2.5 + 2.5 + 2.8 + 3.2	11.0	3.2 + 3.2 + 4.0	10.4				
2.5 + 2.8 + 2.8 + 2.8	10.9						

- Indoor Unit : CS-E7/9/12/15/18/21/24PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA, CS-E18/21RB4EAW
- Outdoor Unit : CU-4E27PBE

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0+2.0+2.0+2.0	8.0	2.0+2.0+2.0	6.0	2.0+2.5	4.5	2.0	2.0
2.0+2.0+2.0+2.5	8.5	2.0+2.0+2.5	6.5	2.0+2.8	4.8	2.5	2.5
2.0+2.0+2.0+2.8	8.8	2.0+2.0+2.8	6.8	2.0+3.2	5.2	2.8	2.8
2.0+2.0+2.0+3.2	9.2	2.0+2.0+3.2	7.2	2.0+4.0	6.0	3.2	3.2
2.0+2.0+2.0+4.0	10.0	2.0+2.0+4.0	8.0	2.0+5.0	7.0	4.0	4.0
2.0+2.0+2.0+5.0	11.0	2.0+2.0+5.0	9.0	2.0+6.0	8.0	5.0	5.0
2.0+2.0+2.0+6.0	12.0	2.0+2.0+6.0	10.0	2.0+7.0	9.0	6.0	6.0
2.0+2.0+2.0+7.0	13.0	2.0+2.0+7.0	11.0	2.5+2.5	5.0	7.0	7.0
2.0+2.0+2.5+2.5	9.0	2.0+2.5+2.5	7.0	2.5+2.8	5.3		
2.0+2.0+2.5+2.8	9.3	2.0+2.5+2.8	7.3	2.5+3.2	5.7		
2.0+2.0+2.5+3.2	9.7	2.0+2.5+3.2	7.7	2.5+4.0	6.5		
2.0+2.0+2.5+4.0	10.5	2.0+2.5+4.0	8.5	2.5+5.0	7.5		
2.0+2.0+2.5+5.0	11.5	2.0+2.5+5.0	9.5	2.5+6.0	8.5		
2.0+2.0+2.5+6.0	12.5	2.0+2.5+6.0	10.5	2.5+7.0	9.5		
2.0+2.0+2.5+7.0	13.5	2.0+2.5+7.0	11.5	2.8+2.8	5.6		
2.0+2.0+2.8+2.8	9.6	2.0+2.8+2.8	7.6	2.8+3.2	6.0		
2.0+2.0+2.8+3.2	10.0	2.0+2.8+3.2	8.0	2.8+4.0	6.8		
2.0+2.0+2.8+4.0	10.8	2.0+2.8+4.0	8.8	2.8+5.0	7.8		
2.0+2.0+2.8+5.0	11.8	2.0+2.8+5.0	9.8	2.8+6.0	8.8		
2.0+2.0+2.8+6.0	12.8	2.0+2.8+6.0	10.8	2.8+7.0	9.8		
2.0+2.0+3.2+3.2	10.4	2.0+2.8+7.0	11.8	3.2+3.2	6.4		
2.0+2.0+3.2+4.0	11.2	2.0+3.2+3.2	8.4	3.2+4.0	7.2		
2.0+2.0+3.2+5.0	12.2	2.0+3.2+4.0	9.2	3.2+5.0	8.2		
2.0+2.0+3.2+6.0	13.2	2.0+3.2+5.0	10.2	3.2+6.0	9.2		
2.0+2.0+4.0+4.0	12.0	2.0+3.2+6.0	11.2	3.2+7.0	10.2		
2.0+2.0+4.0+5.0	13.0	2.0+3.2+7.0	12.2	4.0+4.0	8.0		
2.0+2.5+2.5+2.5	9.5	2.0+4.0+4.0	10.0	4.0+5.0	9.0		
2.0+2.5+2.5+2.8	9.8	2.0+4.0+5.0	11.0	4.0+6.0	10.0		
2.0+2.5+2.5+3.2	10.2	2.0+4.0+6.0	12.0	4.0+7.0	11.0		
2.0+2.5+2.5+4.0	11.0	2.0+4.0+7.0	13.0	5.0+5.0	10.0		
2.0+2.5+2.5+5.0	12.0	2.0+5.0+5.0	12.0	5.0+6.0	11.0		
2.0+2.5+2.5+6.0	13.0	2.0+5.0+6.0	13.0	5.0+7.0	12.0		
2.0+2.5+2.8+2.8	10.1	2.5+2.5+2.5	7.5	6.0+6.0	12.0		
2.0+2.5+2.8+3.2	10.5	2.5+2.5+2.8	7.8	6.0+7.0	13.0		
2.0+2.5+2.8+4.0	11.3	2.5+2.5+3.2	8.2				
2.0+2.5+2.8+5.0	12.3	2.5+2.5+4.0	9.0				
2.0+2.5+2.8+6.0	13.3	2.5+2.5+5.0	10.0				
2.0+2.5+3.2+3.2	10.9	2.5+2.5+6.0	11.0				
2.0+2.5+3.2+4.0	11.7	2.5+2.5+7.0	12.0				
2.0+2.5+3.2+5.0	12.7	2.5+2.8+2.8	8.1				
2.0+2.5+4.0+4.0	12.5	2.5+2.8+3.2	8.5				
2.0+2.5+4.0+5.0	13.5	2.5+2.8+4.0	9.3				
2.0+2.8+2.8+2.8	10.4	2.5+2.8+5.0	10.3				
2.0+2.8+2.8+3.2	10.8	2.5+2.8+6.0	11.3				
2.0+2.8+2.8+4.0	11.6	2.5+2.8+7.0	12.3				
2.0+2.8+2.8+5.0	12.6	2.5+3.2+3.2	8.9				
2.0+2.8+2.8+6.0	13.6	2.5+3.2+4.0	9.7				
2.0+2.8+3.2+3.2	11.2	2.5+3.2+5.0	10.7				
2.0+2.8+3.2+4.0	12.0	2.5+3.2+6.0	11.7				
2.0+2.8+3.2+5.0	13.0	2.5+3.2+7.0	12.7				
2.0+2.8+4.0+4.0	12.8	2.5+4.0+4.0	10.5				
2.0+3.2+3.2+3.2	11.6	2.5+4.0+5.0	11.5				
2.0+3.2+3.2+4.0	12.4	2.5+4.0+6.0	12.5				
2.0+3.2+3.2+5.0	13.4	2.5+4.0+7.0	13.5				
2.0+3.2+4.0+4.0	13.2	2.5+5.0+5.0	12.5				
2.5+2.5+2.5+2.5	10.0	2.5+5.0+6.0	13.5				
2.5+2.5+2.5+2.8	10.3	2.8+2.8+2.8	8.4				
2.5+2.5+2.5+3.2	10.7	2.8+2.8+3.2	8.8				

4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.5+2.5+2.5+4.0	11.5	2.8+2.8+4.0	9.6				
2.5+2.5+2.5+5.0	12.5	2.8+2.8+5.0	10.6				
2.5+2.5+2.5+6.0	13.5	2.8+2.8+6.0	11.6				
2.5+2.5+2.8+2.8	10.6	2.8+2.8+7.0	12.6				
2.5+2.5+2.8+3.2	11.0	2.8+3.2+3.2	9.2				
2.5+2.5+2.8+4.0	11.8	2.8+3.2+4.0	10.0				
2.5+2.5+2.8+5.0	12.8	2.8+3.2+5.0	11.0				
2.5+2.5+3.2+3.2	11.4	2.8+3.2+6.0	12.0				
2.5+2.5+3.2+4.0	12.2	2.8+3.2+7.0	13.0				
2.5+2.5+3.2+5.0	13.2	2.8+4.0+4.0	10.8				
2.5+2.5+4.0+4.0	13.0	2.8+4.0+5.0	11.8				
2.5+2.8+2.8+2.8	10.9	2.8+4.0+6.0	12.8				
2.5+2.8+2.8+3.2	11.3	2.8+5.0+5.0	12.8				
2.5+2.8+2.8+4.0	12.1	3.2+3.2+3.2	9.6				
2.5+2.8+2.8+5.0	13.1	3.2+3.2+4.0	10.4				
2.5+2.8+3.2+3.2	11.7	3.2+3.2+5.0	11.4				
2.5+2.8+3.2+4.0	12.5	3.2+3.2+6.0	12.4				
2.5+2.8+3.2+5.0	13.5	3.2+3.2+7.0	13.4				
2.5+2.8+4.0+4.0	13.3	3.2+4.0+4.0	11.2				
2.5+3.2+3.2+3.2	12.1	3.2+4.0+5.0	12.2				
2.5+3.2+3.2+4.0	12.9	3.2+4.0+6.0	13.2				
2.8+2.8+2.8+2.8	11.2	3.2+5.0+5.0	13.2				
2.8+2.8+2.8+3.2	11.6	4.0+4.0+4.0	12.0				
2.8+2.8+2.8+4.0	12.4	4.0+4.0+5.0	13.0				
2.8+2.8+2.8+5.0	13.4						
2.8+2.8+3.2+3.2	12.0						
2.8+2.8+3.2+4.0	12.8						
2.8+2.8+4.0+4.0	13.6						
2.8+3.2+3.2+3.2	12.4						
2.8+3.2+3.2+4.0	13.2						
3.2+3.2+3.2+3.2	12.8						
3.2+3.2+3.2+4.0	13.6						

- Indoor Unit : CS-E7/9/12/15/18/21/24PKEW, CS-E9/12/18GFEW, CS-ME9/12/18/21PB4EA, CS-ME9/12/18PD3EA, CS-E9/12PD3EA, CS-E9/12PB4EA, CS-E18/21RB4EAW
- Outdoor Unit : CU-5E34PBE

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)
2.0+2.0+2.0+2.0+2.0	10.0	2.0+2.0+2.0+2.0	8.0	2.0+2.0+2.0	6.0	2.0+2.5	4.5	2.0	2.0
2.0+2.0+2.0+2.0+2.5	10.5	2.0+2.0+2.0+2.5	8.5	2.0+2.0+2.5	6.5	2.0+2.8	4.8	2.5	2.5
2.0+2.0+2.0+2.0+2.8	10.8	2.0+2.0+2.0+2.8	8.8	2.0+2.0+2.8	6.8	2.0+3.2	5.2	2.8	2.8
2.0+2.0+2.0+2.0+3.2	11.2	2.0+2.0+2.0+3.2	9.2	2.0+2.0+3.2	7.2	2.0+4.0	6.0	3.2	3.2
2.0+2.0+2.0+2.0+4.0	12.0	2.0+2.0+2.0+4.0	10.0	2.0+2.0+4.0	8.0	2.0+5.0	7.0	4.0	4.0
2.0+2.0+2.0+2.0+5.0	13.0	2.0+2.0+2.0+5.0	11.0	2.0+2.0+5.0	9.0	2.0+6.0	8.0	5.0	5.0
2.0+2.0+2.0+2.0+6.0	14.0	2.0+2.0+2.0+6.0	12.0	2.0+2.0+6.0	10.0	2.0+7.0	9.0	6.0	6.0
2.0+2.0+2.0+2.0+7.0	15.0	2.0+2.0+2.0+7.0	13.0	2.0+2.0+7.0	11.0	2.5+2.5	5.0	7.0	7.0
2.0+2.0+2.0+2.5+2.5	11.0	2.0+2.0+2.5+2.5	9.0	2.0+2.5+2.5	7.0	2.5+2.8	5.3		
2.0+2.0+2.0+2.5+2.8	11.3	2.0+2.0+2.5+2.8	9.3	2.0+2.5+2.8	7.3	2.5+3.2	5.7		
2.0+2.0+2.0+2.5+3.2	11.7	2.0+2.0+2.5+3.2	9.7	2.0+2.5+3.2	7.7	2.5+4.0	6.5		
2.0+2.0+2.0+2.5+4.0	12.5	2.0+2.0+2.5+4.0	10.5	2.0+2.5+4.0	8.5	2.5+5.0	7.5		
2.0+2.0+2.0+2.5+5.0	13.5	2.0+2.0+2.5+5.0	11.5	2.0+2.5+5.0	9.5	2.5+6.0	8.5		
2.0+2.0+2.0+2.5+6.0	14.5	2.0+2.0+2.5+6.0	12.5	2.0+2.5+6.0	10.5	2.5+7.0	9.5		
2.0+2.0+2.0+2.5+7.0	15.5	2.0+2.0+2.5+7.0	13.5	2.0+2.5+7.0	11.5	2.8+2.8	5.6		
2.0+2.0+2.0+2.8+2.8	11.6	2.0+2.0+2.8+2.8	9.6	2.0+2.8+2.8	7.6	2.8+3.2	6.0		
2.0+2.0+2.0+2.8+3.2	12.0	2.0+2.0+2.8+3.2	10.0	2.0+2.8+3.2	8.0	2.8+4.0	6.8		
2.0+2.0+2.0+2.8+4.0	12.8	2.0+2.0+2.8+4.0	10.8	2.0+2.8+4.0	8.8	2.8+5.0	7.8		
2.0+2.0+2.0+2.8+5.0	13.8	2.0+2.0+2.8+5.0	11.8	2.0+2.8+5.0	9.8	2.8+6.0	8.8		
2.0+2.0+2.0+2.8+6.0	14.8	2.0+2.0+2.8+6.0	12.8	2.0+2.8+6.0	10.8	2.8+7.0	9.8		
2.0+2.0+2.0+2.8+7.0	15.8	2.0+2.0+2.8+7.0	13.8	2.0+2.8+7.0	11.8	3.2+3.2	6.4		
2.0+2.0+2.0+3.2+3.2	12.4	2.0+2.0+3.2+3.2	10.4	2.0+3.2+3.2	8.4	3.2+4.0	7.2		
2.0+2.0+2.0+3.2+4.0	13.2	2.0+2.0+3.2+4.0	11.2	2.0+3.2+4.0	9.2	3.2+5.0	8.2		
2.0+2.0+2.0+3.2+5.0	14.2	2.0+2.0+3.2+5.0	12.2	2.0+3.2+5.0	10.2	3.2+6.0	9.2		
2.0+2.0+2.0+3.2+6.0	15.2	2.0+2.0+3.2+6.0	13.2	2.0+3.2+6.0	11.2	3.2+7.0	10.2		
2.0+2.0+2.0+3.2+7.0	16.2	2.0+2.0+3.2+7.0	14.2	2.0+3.2+7.0	12.2	4.0+4.0	8.0		
2.0+2.0+2.0+4.0+4.0	14.0	2.0+2.0+4.0+4.0	12.0	2.0+4.0+4.0	10.0	4.0+5.0	9.0		
2.0+2.0+2.0+4.0+5.0	15.0	2.0+2.0+4.0+5.0	13.0	2.0+4.0+5.0	11.0	4.0+6.0	10.0		
2.0+2.0+2.0+4.0+6.0	16.0	2.0+2.0+4.0+6.0	14.0	2.0+4.0+6.0	12.0	4.0+7.0	11.0		
2.0+2.0+2.0+4.0+7.0	17.0	2.0+2.0+4.0+7.0	15.0	2.0+4.0+7.0	13.0	5.0+5.0	10.0		
2.0+2.0+2.0+5.0+5.0	16.0	2.0+2.0+5.0+5.0	14.0	2.0+5.0+5.0	12.0	5.0+6.0	11.0		
2.0+2.0+2.0+5.0+6.0	17.0	2.0+2.0+5.0+6.0	15.0	2.0+5.0+6.0	13.0	5.0+7.0	12.0		
2.0+2.0+2.5+2.5+2.5	11.5	2.0+2.0+5.0+7.0	16.0	2.0+5.0+7.0	14.0	6.0+6.0	12.0		
2.0+2.0+2.5+2.5+2.8	11.8	2.0+2.0+6.0+6.0	16.0	2.0+6.0+6.0	14.0	6.0+7.0	13.0		
2.0+2.0+2.5+2.5+3.2	12.2	2.0+2.0+6.0+7.0	17.0	2.0+6.0+7.0	15.0	7.0+7.0	14.0		
2.0+2.0+2.5+2.5+4.0	13.0	2.0+2.5+2.5+2.5	9.5	2.0+7.0+7.0	16.0				
2.0+2.0+2.5+2.5+5.0	14.0	2.0+2.5+2.5+2.8	9.8	2.5+2.5+2.5	7.5				
2.0+2.0+2.5+2.5+6.0	15.0	2.0+2.5+2.5+3.2	10.2	2.5+2.5+2.8	7.8				
2.0+2.0+2.5+2.5+7.0	16.0	2.0+2.5+2.5+4.0	11.0	2.5+2.5+3.2	8.2				
2.0+2.0+2.5+2.8+2.8	12.1	2.0+2.5+2.5+5.0	12.0	2.5+2.5+4.0	9.0				
2.0+2.0+2.5+2.8+3.2	12.5	2.0+2.5+2.5+6.0	13.0	2.5+2.5+5.0	10.0				
2.0+2.0+2.5+2.8+4.0	13.3	2.0+2.5+2.5+7.0	14.0	2.5+2.5+6.0	11.0				
2.0+2.0+2.5+2.8+5.0	14.3	2.0+2.5+2.8+2.8	10.1	2.5+2.5+7.0	12.0				
2.0+2.0+2.5+2.8+6.0	15.3	2.0+2.5+2.8+3.2	10.5	2.5+2.8+2.8	8.1				
2.0+2.0+2.5+2.8+7.0	16.3	2.0+2.5+2.8+4.0	11.3	2.5+2.8+3.2	8.5				
2.0+2.0+2.5+3.2+3.2	12.9	2.0+2.5+2.8+5.0	12.3	2.5+2.8+4.0	9.3				
2.0+2.0+2.5+3.2+4.0	13.7	2.0+2.5+2.8+6.0	13.3	2.5+2.8+5.0	10.3				
2.0+2.0+2.5+3.2+5.0	14.7	2.0+2.5+2.8+7.0	14.3	2.5+2.8+6.0	11.3				
2.0+2.0+2.5+3.2+6.0	15.7	2.0+2.5+3.2+3.2	10.9	2.5+2.8+7.0	12.3				
2.0+2.0+2.5+3.2+7.0	16.7	2.0+2.5+3.2+4.0	11.7	2.5+3.2+3.2	8.9				
2.0+2.0+2.5+4.0+4.0	14.5	2.0+2.5+3.2+5.0	12.7	2.5+3.2+4.0	9.7				
2.0+2.0+2.5+4.0+5.0	15.5	2.0+2.5+3.2+6.0	13.7	2.5+3.2+5.0	10.7				
2.0+2.0+2.5+4.0+6.0	16.5	2.0+2.5+3.2+7.0	14.7	2.5+3.2+6.0	11.7				
2.0+2.0+2.5+4.0+7.0	17.5	2.0+2.5+4.0+4.0	12.5	2.5+3.2+7.0	12.7				
2.0+2.0+2.5+5.0+5.0	16.5	2.0+2.5+4.0+5.0	13.5	2.5+4.0+4.0	10.5				
2.0+2.0+2.5+5.0+6.0	17.5	2.0+2.5+4.0+6.0	14.5	2.5+4.0+5.0	11.5				
2.0+2.0+2.8+2.8+2.8	12.4	2.0+2.5+4.0+7.0	15.5	2.5+4.0+6.0	12.5				

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.0+2.0+2.8+2.8+3.2	12.8	2.0+2.5+5.0+5.0	14.5	2.5+4.0+7.0	13.5				
2.0+2.0+2.8+2.8+4.0	13.6	2.0+2.5+5.0+6.0	15.5	2.5+5.0+5.0	12.5				
2.0+2.0+2.8+2.8+5.0	14.6	2.0+2.5+5.0+7.0	16.5	2.5+5.0+6.0	13.5				
2.0+2.0+2.8+2.8+6.0	15.6	2.0+2.5+6.0+6.0	16.5	2.5+5.0+7.0	14.5				
2.0+2.0+2.8+2.8+7.0	16.6	2.0+2.5+6.0+7.0	17.5	2.5+6.0+6.0	14.5				
2.0+2.0+2.8+3.2+3.2	13.2	2.0+2.8+2.8+2.8	10.4	2.5+6.0+7.0	15.5				
2.0+2.0+2.8+3.2+4.0	14.0	2.0+2.8+2.8+3.2	10.8	2.5+7.0+7.0	16.5				
2.0+2.0+2.8+3.2+5.0	15.0	2.0+2.8+2.8+4.0	11.6	2.8+2.8+2.8	8.4				
2.0+2.0+2.8+3.2+6.0	16.0	2.0+2.8+2.8+5.0	12.6	2.8+2.8+3.2	8.8				
2.0+2.0+2.8+3.2+7.0	17.0	2.0+2.8+2.8+6.0	13.6	2.8+2.8+4.0	9.6				
2.0+2.0+2.8+4.0+4.0	14.8	2.0+2.8+2.8+7.0	14.6	2.8+2.8+5.0	10.6				
2.0+2.0+2.8+4.0+5.0	15.8	2.0+2.8+3.2+3.2	11.2	2.8+2.8+6.0	11.6				
2.0+2.0+2.8+4.0+6.0	16.8	2.0+2.8+3.2+4.0	12.0	2.8+2.8+7.0	12.6				
2.0+2.0+2.8+5.0+5.0	16.8	2.0+2.8+3.2+5.0	13.0	2.8+3.2+3.2	9.2				
2.0+2.0+3.2+3.2+3.2	13.6	2.0+2.8+3.2+6.0	14.0	2.8+3.2+4.0	10.0				
2.0+2.0+3.2+3.2+4.0	14.4	2.0+2.8+3.2+7.0	15.0	2.8+3.2+5.0	11.0				
2.0+2.0+3.2+3.2+5.0	15.4	2.0+2.8+4.0+4.0	12.8	2.8+3.2+6.0	12.0				
2.0+2.0+3.2+3.2+6.0	16.4	2.0+2.8+4.0+5.0	13.8	2.8+3.2+7.0	13.0				
2.0+2.0+3.2+3.2+7.0	17.4	2.0+2.8+4.0+6.0	14.8	2.8+4.0+4.0	10.8				
2.0+2.0+3.2+4.0+4.0	15.2	2.0+2.8+4.0+7.0	15.8	2.8+4.0+5.0	11.8				
2.0+2.0+3.2+4.0+5.0	16.2	2.0+2.8+5.0+5.0	14.8	2.8+4.0+6.0	12.8				
2.0+2.0+3.2+4.0+6.0	17.2	2.0+2.8+5.0+6.0	15.8	2.8+4.0+7.0	13.8				
2.0+2.0+3.2+5.0+5.0	17.2	2.0+2.8+5.0+7.0	16.8	2.8+5.0+5.0	12.8				
2.0+2.0+4.0+4.0+4.0	16.0	2.0+2.8+6.0+6.0	16.8	2.8+5.0+6.0	13.8				
2.0+2.0+4.0+4.0+5.0	17.0	2.0+3.2+3.2+3.2	11.6	2.8+5.0+7.0	14.8				
2.0+2.5+2.5+2.5+2.5	12.0	2.0+3.2+3.2+4.0	12.4	2.8+6.0+6.0	14.8				
2.0+2.5+2.5+2.5+2.8	12.3	2.0+3.2+3.2+5.0	13.4	2.8+6.0+7.0	15.8				
2.0+2.5+2.5+2.5+3.2	12.7	2.0+3.2+3.2+6.0	14.4	2.8+7.0+7.0	16.8				
2.0+2.5+2.5+2.5+4.0	13.5	2.0+3.2+3.2+7.0	15.4	3.2+3.2+3.2	9.6				
2.0+2.5+2.5+2.5+5.0	14.5	2.0+3.2+4.0+4.0	13.2	3.2+3.2+4.0	10.4				
2.0+2.5+2.5+2.5+6.0	15.5	2.0+3.2+4.0+5.0	14.2	3.2+3.2+5.0	11.4				
2.0+2.5+2.5+2.5+7.0	16.5	2.0+3.2+4.0+6.0	15.2	3.2+3.2+6.0	12.4				
2.0+2.5+2.5+2.8+2.8	12.6	2.0+3.2+4.0+7.0	16.2	3.2+3.2+7.0	13.4				
2.0+2.5+2.5+2.8+3.2	13.0	2.0+3.2+5.0+5.0	15.2	3.2+4.0+4.0	11.2				
2.0+2.5+2.5+2.8+4.0	13.8	2.0+3.2+5.0+6.0	16.2	3.2+4.0+5.0	12.2				
2.0+2.5+2.5+2.8+5.0	14.8	2.0+3.2+5.0+7.0	17.2	3.2+4.0+6.0	13.2				
2.0+2.5+2.5+2.8+6.0	15.8	2.0+3.2+6.0+6.0	17.2	3.2+4.0+7.0	14.2				
2.0+2.5+2.5+2.8+7.0	16.8	2.0+4.0+4.0+4.0	14.0	3.2+5.0+5.0	13.2				
2.0+2.5+2.5+3.2+3.2	13.4	2.0+4.0+4.0+5.0	15.0	3.2+5.0+6.0	14.2				
2.0+2.5+2.5+3.2+4.0	14.2	2.0+4.0+4.0+6.0	16.0	3.2+5.0+7.0	15.2				
2.0+2.5+2.5+3.2+5.0	15.2	2.0+4.0+4.0+7.0	17.0	3.2+6.0+6.0	15.2				
2.0+2.5+2.5+3.2+6.0	16.2	2.0+4.0+5.0+5.0	16.0	3.2+6.0+7.0	16.2				
2.0+2.5+2.5+3.2+7.0	17.2	2.0+4.0+5.0+6.0	17.0	3.2+7.0+7.0	17.2				
2.0+2.5+2.5+4.0+4.0	15.0	2.0+5.0+5.0+5.0	17.0	4.0+4.0+4.0	12.0				
2.0+2.5+2.5+4.0+5.0	16.0	2.5+2.5+2.5+2.5	10.0	4.0+4.0+5.0	13.0				
2.0+2.5+2.5+4.0+6.0	17.0	2.5+2.5+2.5+2.8	10.3	4.0+4.0+6.0	14.0				
2.0+2.5+2.5+5.0+5.0	17.0	2.5+2.5+2.5+3.2	10.7	4.0+4.0+7.0	15.0				
2.0+2.5+2.8+2.8+2.8	12.9	2.5+2.5+2.5+4.0	11.5	4.0+5.0+5.0	14.0				
2.0+2.5+2.8+2.8+3.2	13.3	2.5+2.5+2.5+5.0	12.5	4.0+5.0+6.0	15.0				
2.0+2.5+2.8+2.8+4.0	14.1	2.5+2.5+2.5+6.0	13.5	4.0+5.0+7.0	16.0				
2.0+2.5+2.8+2.8+5.0	15.1	2.5+2.5+2.5+7.0	14.5	4.0+6.0+6.0	16.0				
2.0+2.5+2.8+2.8+6.0	16.1	2.5+2.5+2.8+2.8	10.6	4.0+6.0+7.0	17.0				
2.0+2.5+2.8+2.8+7.0	17.1	2.5+2.5+2.8+3.2	11.0	5.0+5.0+5.0	15.0				
2.0+2.5+2.8+3.2+3.2	13.7	2.5+2.5+2.8+4.0	11.8	5.0+5.0+6.0	16.0				
2.0+2.5+2.8+3.2+4.0	14.5	2.5+2.5+2.8+5.0	12.8	5.0+5.0+7.0	17.0				
2.0+2.5+2.8+3.2+5.0	15.5	2.5+2.5+2.8+6.0	13.8	5.0+6.0+6.0	17.0				
2.0+2.5+2.8+3.2+6.0	16.5	2.5+2.5+2.8+7.0	14.8						
2.0+2.5+2.8+3.2+7.0	17.5	2.5+2.5+3.2+3.2	11.4						
2.0+2.5+2.8+4.0+4.0	15.3	2.5+2.5+3.2+4.0	12.2						
2.0+2.5+2.8+4.0+5.0	16.3	2.5+2.5+3.2+5.0	13.2						
2.0+2.5+2.8+4.0+6.0	17.3	2.5+2.5+3.2+6.0	14.2						

5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.0+2.5+2.8+5.0+5.0	17.3	2.5+2.5+3.2+7.0	15.2						
2.0+2.5+3.2+3.2+3.2	14.1	2.5+2.5+4.0+4.0	13.0						
2.0+2.5+3.2+3.2+4.0	14.9	2.5+2.5+4.0+5.0	14.0						
2.0+2.5+3.2+3.2+5.0	15.9	2.5+2.5+4.0+6.0	15.0						
2.0+2.5+3.2+3.2+6.0	16.9	2.5+2.5+4.0+7.0	16.0						
2.0+2.5+3.2+4.0+4.0	15.7	2.5+2.5+5.0+5.0	15.0						
2.0+2.5+3.2+4.0+5.0	16.7	2.5+2.5+5.0+6.0	16.0						
2.0+2.5+4.0+4.0+4.0	16.5	2.5+2.5+5.0+7.0	17.0						
2.0+2.5+4.0+4.0+5.0	17.5	2.5+2.5+6.0+6.0	17.0						
2.0+2.8+2.8+2.8+2.8	13.2	2.5+2.8+2.8+2.8	10.9						
2.0+2.8+2.8+2.8+3.2	13.6	2.5+2.8+2.8+3.2	11.3						
2.0+2.8+2.8+2.8+4.0	14.4	2.5+2.8+2.8+4.0	12.1						
2.0+2.8+2.8+2.8+5.0	15.4	2.5+2.8+2.8+5.0	13.1						
2.0+2.8+2.8+2.8+6.0	16.4	2.5+2.8+2.8+6.0	14.1						
2.0+2.8+2.8+2.8+7.0	17.4	2.5+2.8+2.8+7.0	15.1						
2.0+2.8+2.8+3.2+3.2	14.0	2.5+2.8+3.2+3.2	11.7						
2.0+2.8+2.8+3.2+4.0	14.8	2.5+2.8+3.2+4.0	12.5						
2.0+2.8+2.8+3.2+5.0	15.8	2.5+2.8+3.2+5.0	13.5						
2.0+2.8+2.8+3.2+6.0	16.8	2.5+2.8+3.2+6.0	14.5						
2.0+2.8+2.8+4.0+4.0	15.6	2.5+2.8+3.2+7.0	15.5						
2.0+2.8+2.8+4.0+5.0	16.6	2.5+2.8+4.0+4.0	13.3						
2.0+2.8+3.2+3.2+3.2	14.4	2.5+2.8+4.0+5.0	14.3						
2.0+2.8+3.2+3.2+4.0	15.2	2.5+2.8+4.0+6.0	15.3						
2.0+2.8+3.2+3.2+5.0	16.2	2.5+2.8+4.0+7.0	16.3						
2.0+2.8+3.2+3.2+6.0	17.2	2.5+2.8+5.0+5.0	15.3						
2.0+2.8+3.2+4.0+4.0	16.0	2.5+2.8+5.0+6.0	16.3						
2.0+2.8+3.2+4.0+5.0	17.0	2.5+2.8+5.0+7.0	17.3						
2.0+2.8+4.0+4.0+4.0	16.8	2.5+2.8+6.0+6.0	17.3						
2.0+3.2+3.2+3.2+3.2	14.8	2.5+3.2+3.2+3.2	12.1						
2.0+3.2+3.2+3.2+4.0	15.6	2.5+3.2+3.2+4.0	12.9						
2.0+3.2+3.2+3.2+5.0	16.6	2.5+3.2+3.2+5.0	13.9						
2.0+3.2+3.2+4.0+4.0	16.4	2.5+3.2+3.2+6.0	14.9						
2.0+3.2+3.2+4.0+5.0	17.4	2.5+3.2+3.2+7.0	15.9						
2.0+3.2+4.0+4.0+4.0	17.2	2.5+3.2+4.0+4.0	13.7						
2.5+2.5+2.5+2.5+2.5	12.5	2.5+3.2+4.0+5.0	14.7						
2.5+2.5+2.5+2.5+2.8	12.8	2.5+3.2+4.0+6.0	15.7						
2.5+2.5+2.5+2.5+3.2	13.2	2.5+3.2+4.0+7.0	16.7						
2.5+2.5+2.5+2.5+4.0	14.0	2.5+3.2+5.0+5.0	15.7						
2.5+2.5+2.5+2.5+5.0	15.0	2.5+3.2+5.0+6.0	16.7						
2.5+2.5+2.5+2.5+6.0	16.0	2.5+4.0+4.0+4.0	14.5						
2.5+2.5+2.5+2.5+7.0	17.0	2.5+4.0+4.0+5.0	15.5						
2.5+2.5+2.5+2.8+2.8	13.1	2.5+4.0+4.0+6.0	16.5						
2.5+2.5+2.5+2.8+3.2	13.5	2.5+4.0+4.0+7.0	17.5						
2.5+2.5+2.5+2.8+4.0	14.3	2.5+4.0+5.0+5.0	16.5						
2.5+2.5+2.5+2.8+5.0	15.3	2.5+4.0+5.0+6.0	17.5						
2.5+2.5+2.5+2.8+6.0	16.3	2.5+5.0+5.0+5.0	17.5						
2.5+2.5+2.5+2.8+7.0	17.3	2.8+2.8+2.8+2.8	11.2						
2.5+2.5+2.5+3.2+3.2	13.9	2.8+2.8+2.8+3.2	11.6						
2.5+2.5+2.5+3.2+4.0	14.7	2.8+2.8+2.8+4.0	12.4						
2.5+2.5+2.5+3.2+5.0	15.7	2.8+2.8+2.8+5.0	13.4						
2.5+2.5+2.5+3.2+6.0	16.7	2.8+2.8+2.8+6.0	14.4						
2.5+2.5+2.5+4.0+4.0	15.5	2.8+2.8+2.8+7.0	15.4						
2.5+2.5+2.5+4.0+5.0	16.5	2.8+2.8+3.2+3.2	12.0						
2.5+2.5+2.5+4.0+6.0	17.5	2.8+2.8+3.2+4.0	12.8						
2.5+2.5+2.5+5.0+5.0	17.5	2.8+2.8+3.2+5.0	13.8						
2.5+2.5+2.8+2.8+2.8	13.4	2.8+2.8+3.2+6.0	14.8						
2.5+2.5+2.8+2.8+3.2	13.8	2.8+2.8+3.2+7.0	15.8						
2.5+2.5+2.8+2.8+4.0	14.6	2.8+2.8+4.0+4.0	13.6						
2.5+2.5+2.8+2.8+5.0	15.6	2.8+2.8+4.0+5.0	14.6						
2.5+2.5+2.8+2.8+6.0	16.6	2.8+2.8+4.0+6.0	15.6						
2.5+2.5+2.8+3.2+3.2	14.2	2.8+2.8+4.0+7.0	16.6						

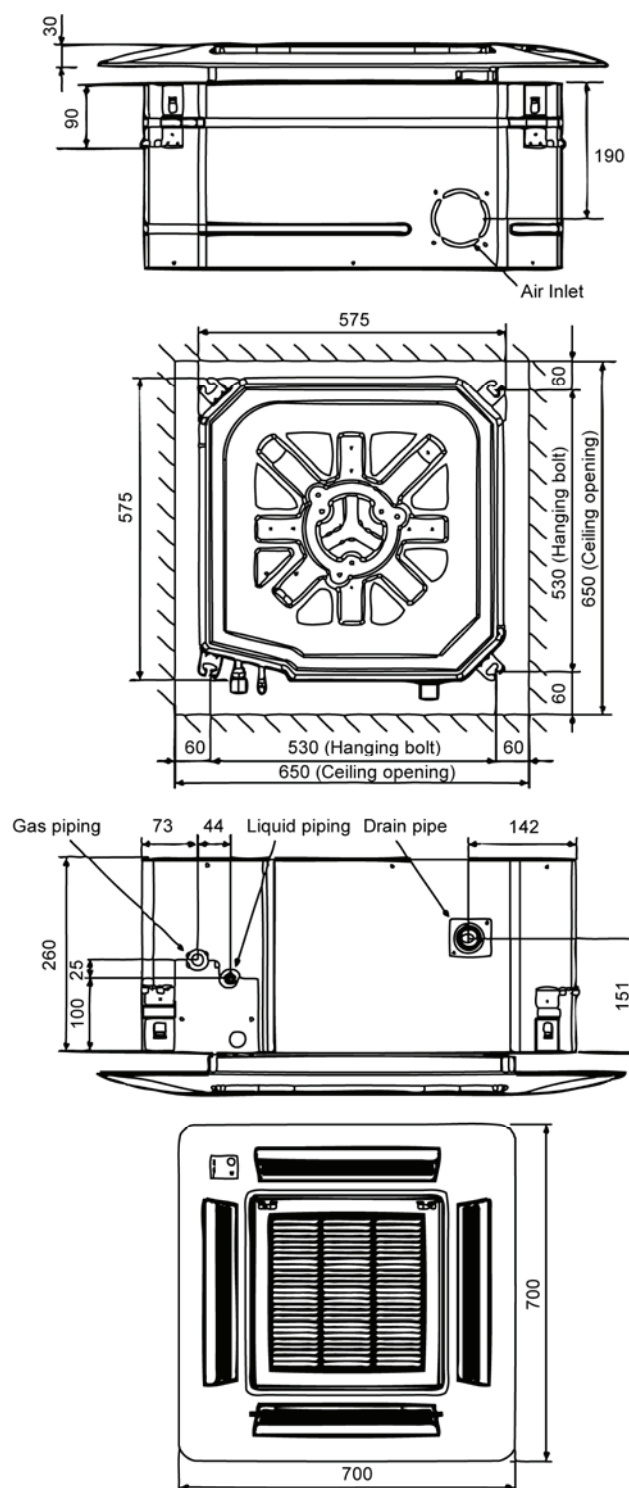
5 Room		4 Room		3 Room		2 Room		1 Room	
Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)	Total Indoor Capacity (kW)	Indoor Unit Capacity (kW)
2.5+2.5+2.8+3.2+4.0	15.0	2.8+2.8+5.0+5.0	15.6						
2.5+2.5+2.8+3.2+5.0	16.0	2.8+2.8+5.0+6.0	16.6						
2.5+2.5+2.8+3.2+6.0	17.0	2.8+3.2+3.2+3.2	12.4						
2.5+2.5+2.8+4.0+4.0	15.8	2.8+3.2+3.2+4.0	13.2						
2.5+2.5+2.8+4.0+5.0	16.8	2.8+3.2+3.2+5.0	14.2						
2.5+2.5+3.2+3.2+3.2	14.6	2.8+3.2+3.2+6.0	15.2						
2.5+2.5+3.2+3.2+4.0	15.4	2.8+3.2+3.2+7.0	16.2						
2.5+2.5+3.2+3.2+5.0	16.4	2.8+3.2+4.0+4.0	14.0						
2.5+2.5+3.2+3.2+6.0	17.4	2.8+3.2+4.0+5.0	15.0						
2.5+2.5+3.2+4.0+4.0	16.2	2.8+3.2+4.0+6.0	16.0						
2.5+2.5+3.2+4.0+5.0	17.2	2.8+3.2+4.0+7.0	17.0						
2.5+2.5+4.0+4.0+4.0	17.0	2.8+3.2+5.0+5.0	16.0						
2.5+2.8+2.8+2.8+2.8	13.7	2.8+3.2+5.0+6.0	17.0						
2.5+2.8+2.8+2.8+3.2	14.1	2.8+4.0+4.0+4.0	14.8						
2.5+2.8+2.8+2.8+4.0	14.9	2.8+4.0+4.0+5.0	15.8						
2.5+2.8+2.8+2.8+5.0	15.9	2.8+4.0+4.0+6.0	16.8						
2.5+2.8+2.8+2.8+6.0	16.9	2.8+4.0+5.0+5.0	16.8						
2.5+2.8+2.8+3.2+3.2	14.5	3.2+3.2+3.2+3.2	12.8						
2.5+2.8+2.8+3.2+4.0	15.3	3.2+3.2+3.2+4.0	13.6						
2.5+2.8+2.8+3.2+5.0	16.3	3.2+3.2+3.2+5.0	14.6						
2.5+2.8+2.8+3.2+6.0	17.3	3.2+3.2+3.2+6.0	15.6						
2.5+2.8+2.8+4.0+4.0	16.1	3.2+3.2+3.2+7.0	16.6						
2.5+2.8+2.8+4.0+5.0	17.1	3.2+3.2+4.0+4.0	14.4						
2.5+2.8+3.2+3.2+3.2	14.9	3.2+3.2+4.0+5.0	15.4						
2.5+2.8+3.2+3.2+4.0	15.7	3.2+3.2+4.0+6.0	16.4						
2.5+2.8+3.2+3.2+5.0	16.7	3.2+3.2+4.0+7.0	17.4						
2.5+2.8+3.2+4.0+4.0	16.5	3.2+3.2+5.0+5.0	16.4						
2.5+2.8+3.2+4.0+5.0	17.5	3.2+3.2+5.0+6.0	17.4						
2.5+2.8+4.0+4.0+4.0	17.3	3.2+4.0+4.0+4.0	15.2						
2.5+3.2+3.2+3.2+3.2	15.3	3.2+4.0+4.0+5.0	16.2						
2.5+3.2+3.2+3.2+4.0	16.1	3.2+4.0+4.0+6.0	17.2						
2.5+3.2+3.2+3.2+5.0	17.1	3.2+4.0+5.0+5.0	17.2						
2.5+3.2+3.2+4.0+4.0	16.9	4.0+4.0+4.0+4.0	16.0						
2.8+2.8+2.8+2.8+2.8	14.0	4.0+4.0+4.0+5.0	17.0						
2.8+2.8+2.8+2.8+3.2	14.4								
2.8+2.8+2.8+2.8+4.0	15.2								
2.8+2.8+2.8+2.8+5.0	16.2								
2.8+2.8+2.8+2.8+6.0	17.2								
2.8+2.8+2.8+3.2+3.2	14.8								
2.8+2.8+2.8+3.2+4.0	15.6								
2.8+2.8+2.8+3.2+5.0	16.6								
2.8+2.8+2.8+4.0+4.0	16.4								
2.8+2.8+2.8+4.0+5.0	17.4								
2.8+2.8+3.2+3.2+3.2	15.2								
2.8+2.8+3.2+3.2+4.0	16.0								
2.8+2.8+3.2+3.2+5.0	17.0								
2.8+2.8+3.2+4.0+4.0	16.8								
2.8+3.2+3.2+3.2+3.2	15.6								
2.8+3.2+3.2+3.2+4.0	16.4								
2.8+3.2+3.2+3.2+5.0	17.4								
2.8+3.2+3.2+4.0+4.0	17.2								
3.2+3.2+3.2+3.2+3.2	16.0								
3.2+3.2+3.2+3.2+4.0	16.8								

3. Features

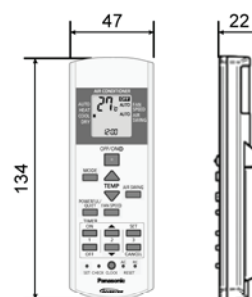
- **Inverter Technology**
 - Wider output power range
 - Energy saving
 - Quick Cooling
 - Quick Heating
 - More precise temperature control
- **Environment Protection**
 - Non-ozone depletion substances refrigerant (R410A)
- **Long Installation Piping**
 - Long piping up to 30 meters
- **Easy to use remote control**
- **Quality Improvement**
 - Random auto restart after power failure for safety restart operation
 - Gas leakage protection
 - Prevent compressor reverse cycle
 - Inner protector to protect compressor
 - Noise prevention during soft dry operation
- **Operation Improvement**
 - Quiet mode to reduce the indoor unit operating sound
 - Powerful mode to reach the desired room temperature quickly
 - 24-hour timer setting
- **Serviceability Improvement**
 - Breakdown Self Diagnosis function

5. Dimensions

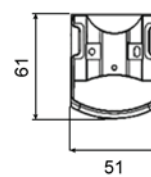
5.1 Indoor Unit



<Remote Control>

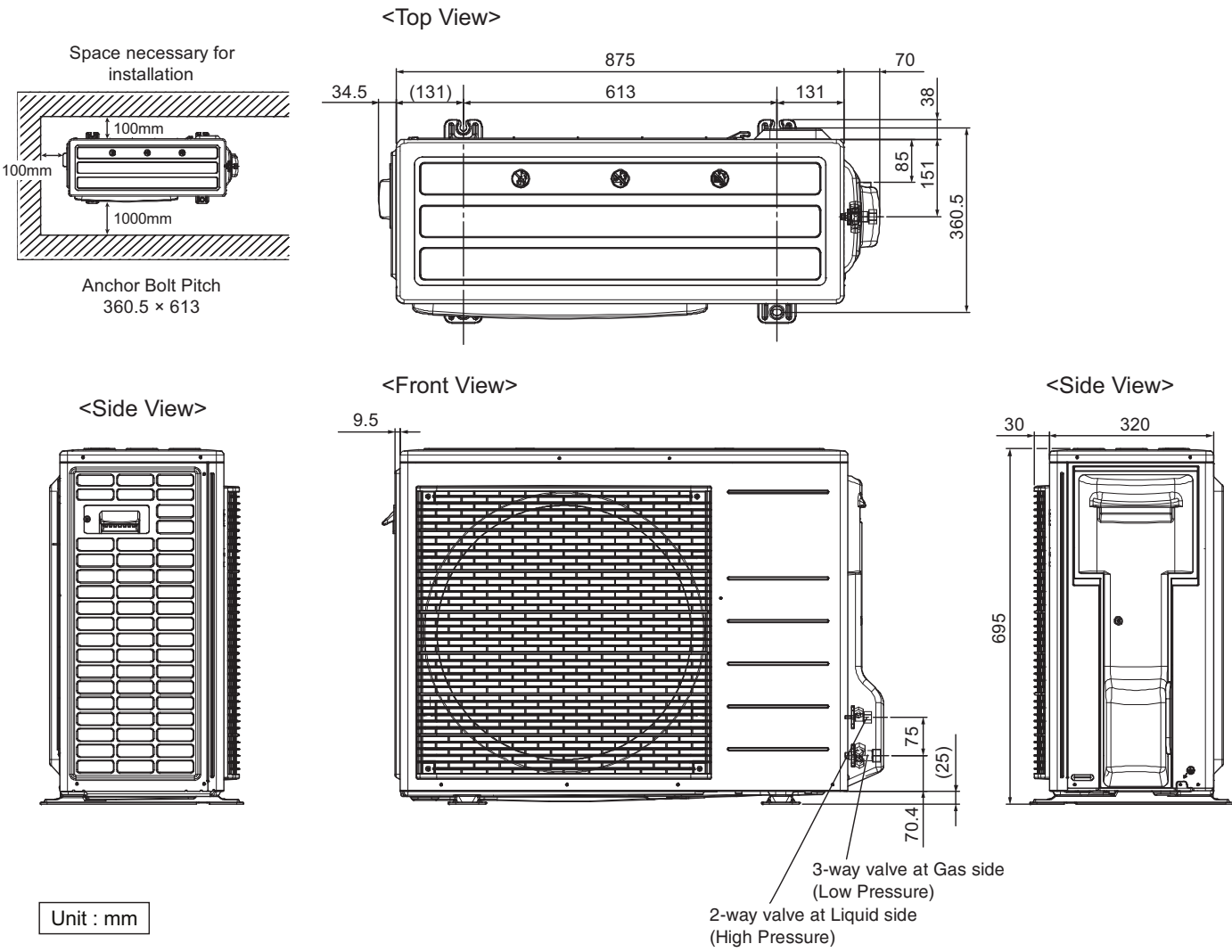


<Remote Control Holder>

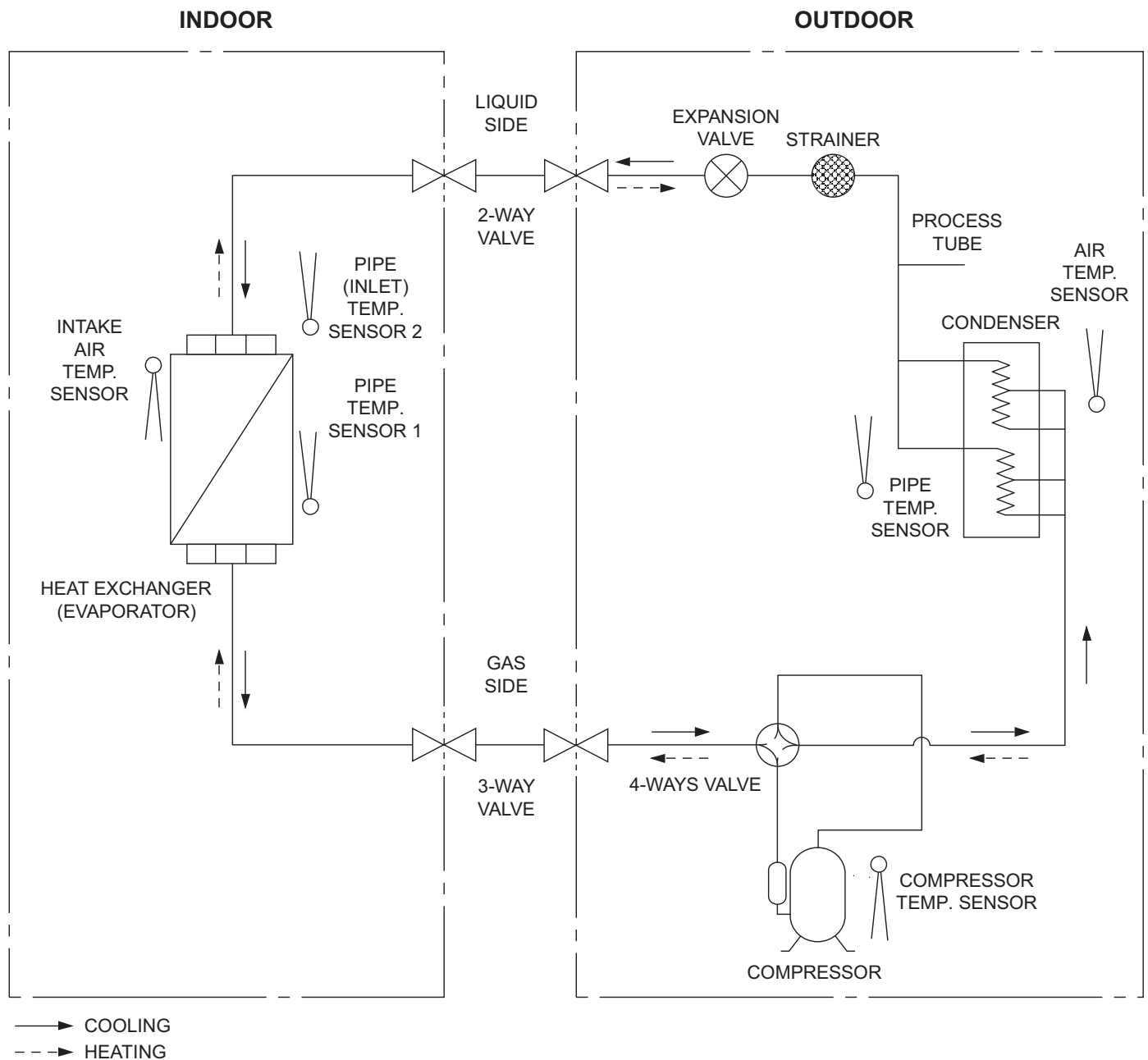


Unit : mm

5.2 Outdoor Unit

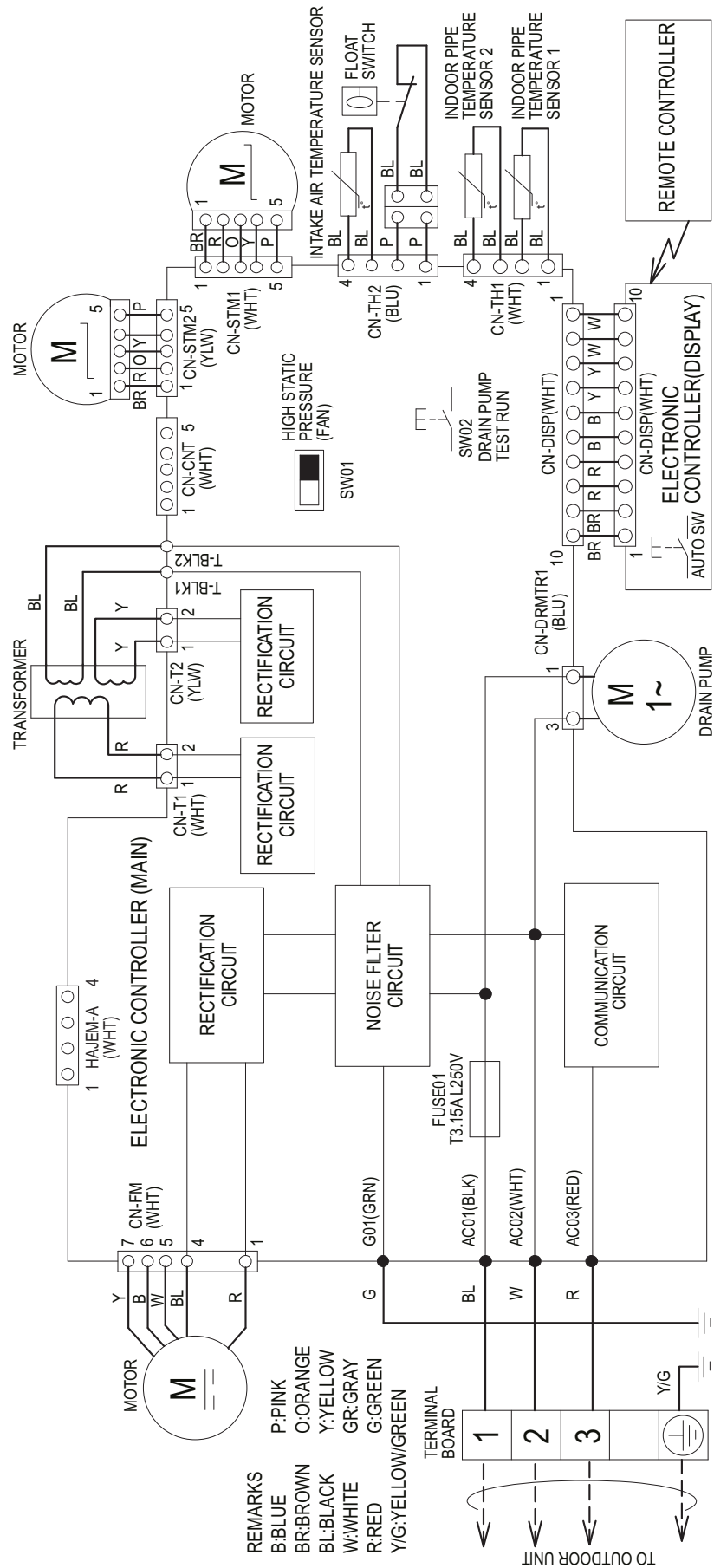


6. Refrigeration Cycle Diagram

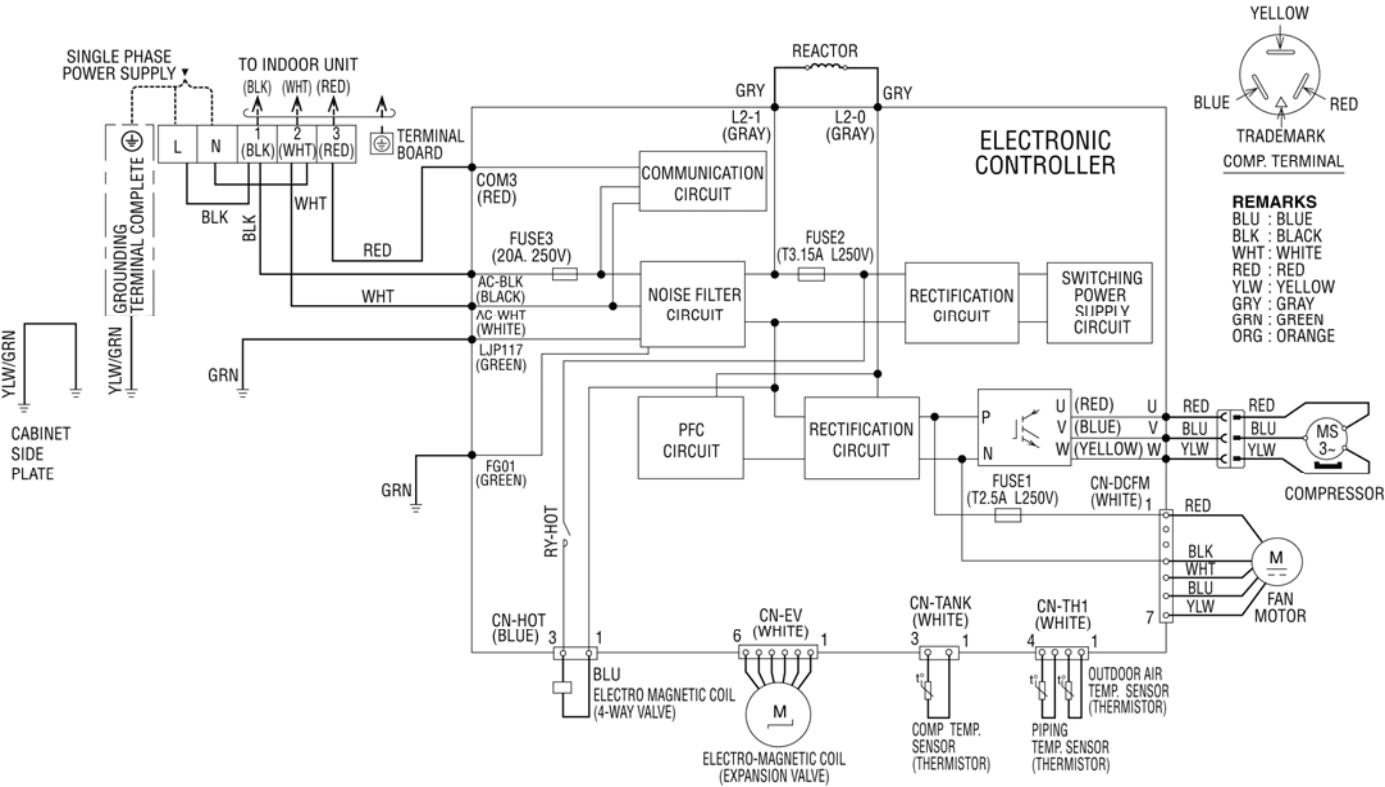


8. Wiring Connection Diagram

8.1 Indoor Unit



8.2 Outdoor Unit



Resistance of Compressor Windings

CONNECTION	5RD132XBA21 (Ω)
U-V	1.897
U-W	1.907
V-W	1.882

Note: Resistance at 20°C of ambient temperature.

17. Technical Data

Technical data provided are based on the air conditioner running under free frequency.

17.1 Cool Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Cool mode at 16°C

Voltage: 220/230V

17.1.1 CS-E18RB4EAW CU-E18RBEA

Indoor (°C)		Outdoor DB (°C)											
DB	WB	-10			-7			0			5		
		TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
27	19.0	6195	3200	1241	5800	4063	1130	5741	4041	1138	5809	4214	1094
	22.0	6281	3231	1104	6214	3152	1212	6284	3211	1187	6392	3259	1113
23	15.7	5207	4038	1165	4981	3899	1268	5126	3987	1198	4947	3906	1311
	18.4	4771	2936	752	5585	3225	1241	5637	3272	1225	5803	3337	1133
20	13.3	4003	3441	598	4017	3501	765	3777	3396	873	4035	3515	770
	15.8	4917	3082	1320	4966	2868	1386	5155	3169	1216	4951	3071	1304

Indoor (°C)		Outdoor DB (°C)								
DB	WB	16			25			35		
		TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
27	19.0	6434	4476	950	5656	3996	1244	5000	3700	1600
	22.0	7095	3602	925	6195	3200	1241	5594	2969	1598
23	15.7	4836	3364	950	4658	3291	1284	4645	3437	1575
	18.4	5481	3217	708	4911	2888	980	4879	2859	1593
20	13.3	4183	3523	664	3415	1983	1228	3363	2488	1490
	15.8	5282	3219	808	4176	2184	1146	4027	2137	1494

(Dry bulb value based on 46% humidity)

17.1.2 CS-E21RB4EAW CU-E21RBEA

Indoor (°C)		Outdoor DB (°C)											
DB	WB	-10			-7			0			5		
		TC	SHC	IP	TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
27	19.0	7310	3470	1590	6844	4406	1447	6774	4382	1459	6855	4569	1401
	22.0	7411	3504	1415	7332	3418	1553	7415	3482	1521	7543	3534	1426
23	15.7	6144	4379	1493	5877	4227	1624	6048	4323	1535	5838	4236	1680
	18.4	5629	3184	964	6590	3497	1590	6652	3548	1569	6847	3618	1452
20	13.3	4723	3731	766	4740	3797	980	4456	3682	1118	4761	3812	987
	15.8	5802	3342	1691	5860	3110	1776	6082	3436	1558	5842	3330	1670

Indoor (°C)		Outdoor DB (°C)								
DB	WB	16			25			35		
		TC	SHC	IP	TC	SHC	IP	TC	SHC	IP
27	19.0	7592	4853	1217	6674	4333	1594	5900	4012	2050
	22.0	8372	3906	1185	7310	3470	1590	6601	3219	2048
23	15.7	5706	3648	1217	5496	3568	1599	5481	3727	2018
	18.4	6468	3489	907	5795	3132	1256	5757	3100	2041
20	13.3	4936	3820	851	4030	2151	1574	3968	2698	1910
	15.8	6233	3490	1035	4928	2368	1468	4752	2317	1914

(Dry bulb value based on 46% humidity)

TC - Total Cooling Capacity (W)
SHC - Sensible Heat Capacity (W)
IP - Input Power (W)

17.2 Heat Mode Performance Data

Unit setting: Standard piping length, Hi Fan, Heat mode at 30°C

Voltage: 220/230V

17.2.1 CS-E18RB4EAW CU-E18RBEA

Indoor (°C)	Outdoor WB (°C)									
DB	-10		-7		2		7		12	
	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
24	3566	1913	4321	2264	4919	2183	5225	1854	5657	1852
20	3800	1900	4370	2240	5140	2150	5600	1860	6164	1863
16	4053	1881	3932	1980	5169	2103	6025	1864	6583	1859

17.2.2 CS-E21RB4EAW CU-E21RBEA

Indoor (°C)	Outdoor WB (°C)									
DB	-10		-7		2		7		12	
	TC	IP	TC	IP	TC	IP	TC	IP	TC	IP
24	3753	2084	5014	2628	5550	2539	6531	2442	7071	2440
20	4000	2070	5070	2600	5800	2500	7000	2450	7705	2453
16	4267	2050	4562	2298	5832	2445	7532	2455	8228	2448

TC - Total Cooling Capacity (W)

SHC - Sensible Heat Capacity (W)

IP - Input Power (W)

18. Service Data

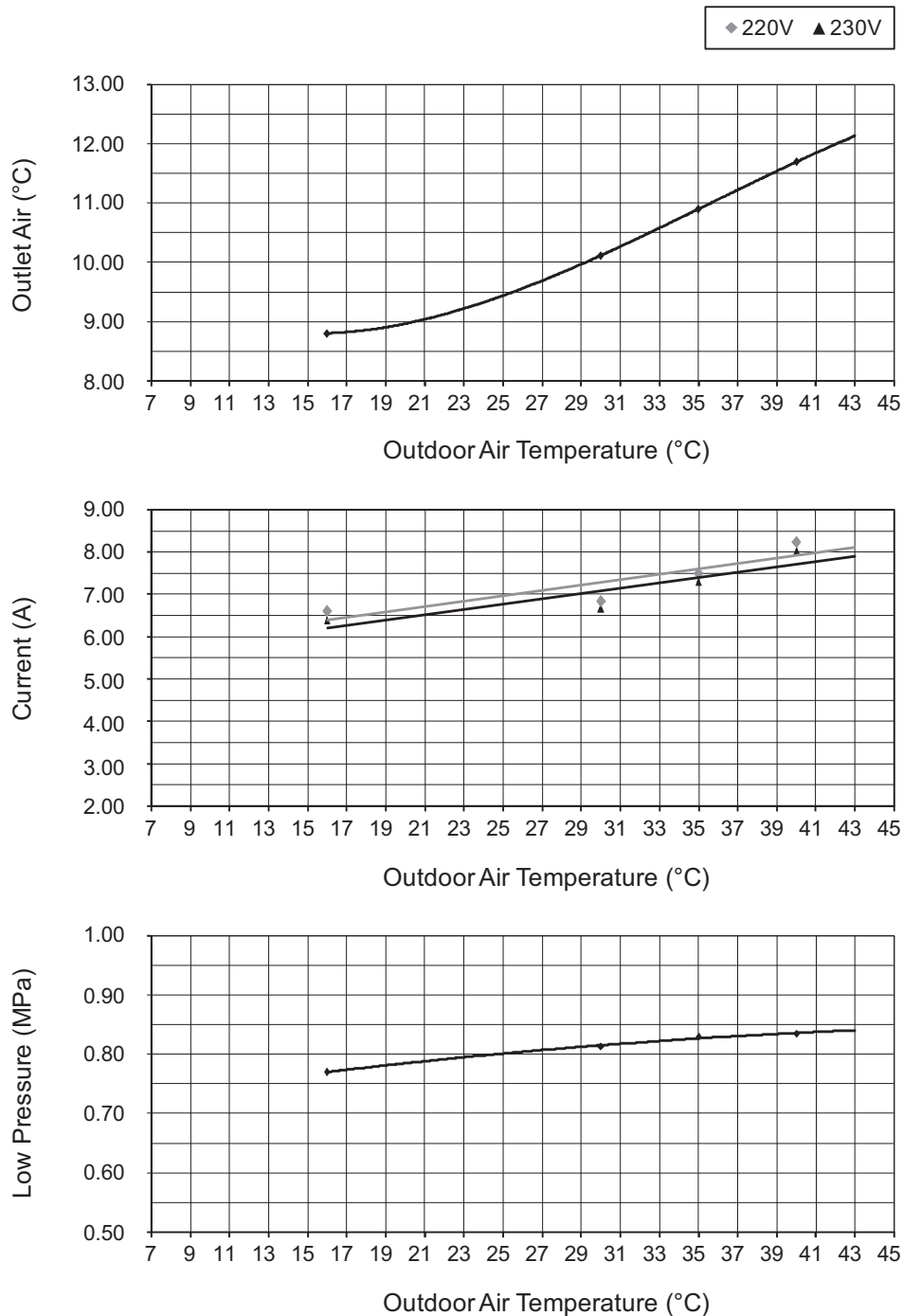
Service data provided are based on the air conditioner running under rated frequency during forced cooling / forced heating mode.

18.1 Cool Mode Outdoor Air Temperature Characteristic

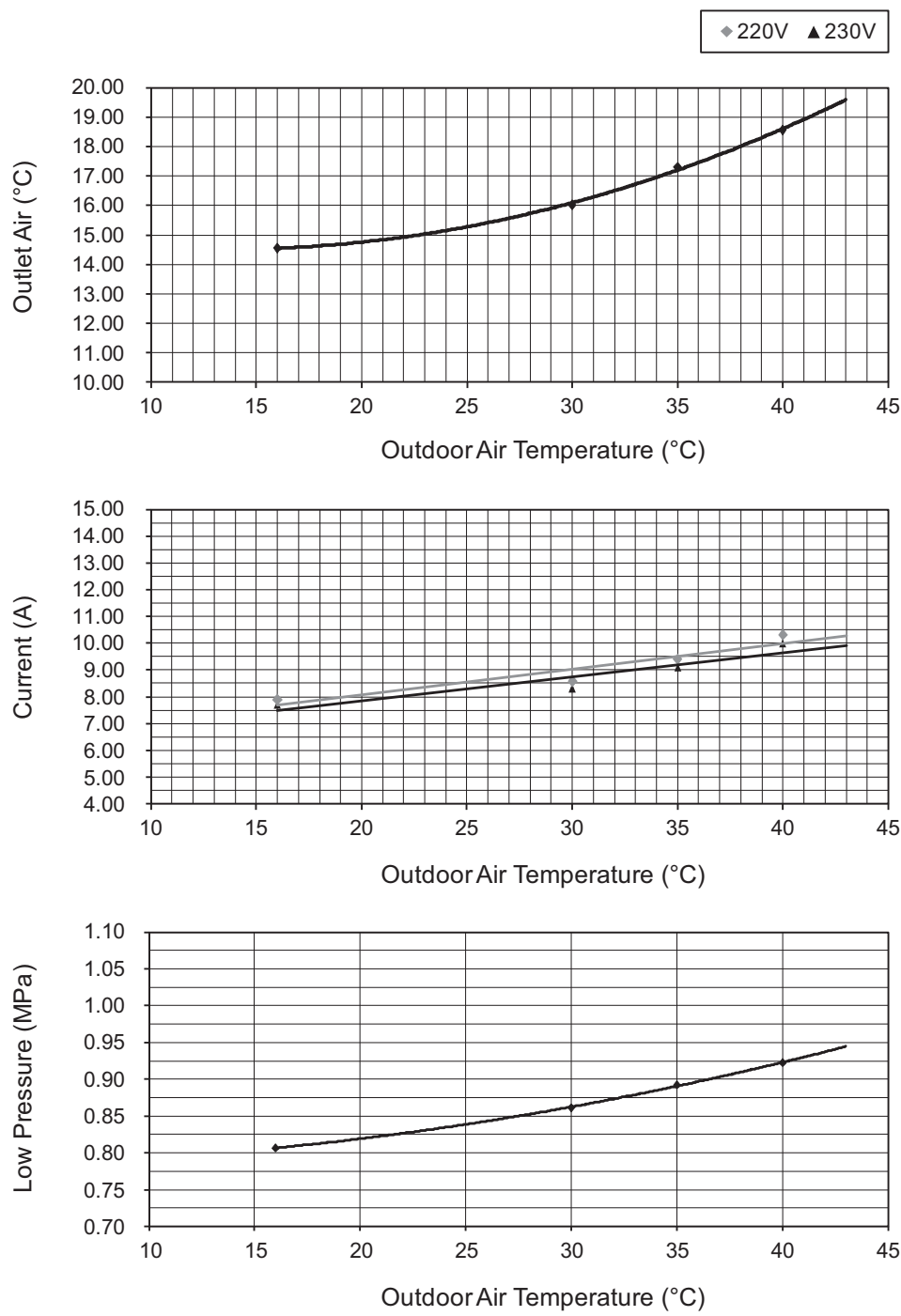
Condition

- Indoor room temperature: 27°C DryBulb/19°C Wet Bulb
- Unit setting: Standard piping length, forced cooling at 16°C, Hi fan
- Compressor frequency: Rated for cooling operation
- Voltage: 220V/230V

18.1.1 CS-E18RB4EAW CU-E18RBEA



18.1.2 CS-E21RB4EAW CU-E21RBEA

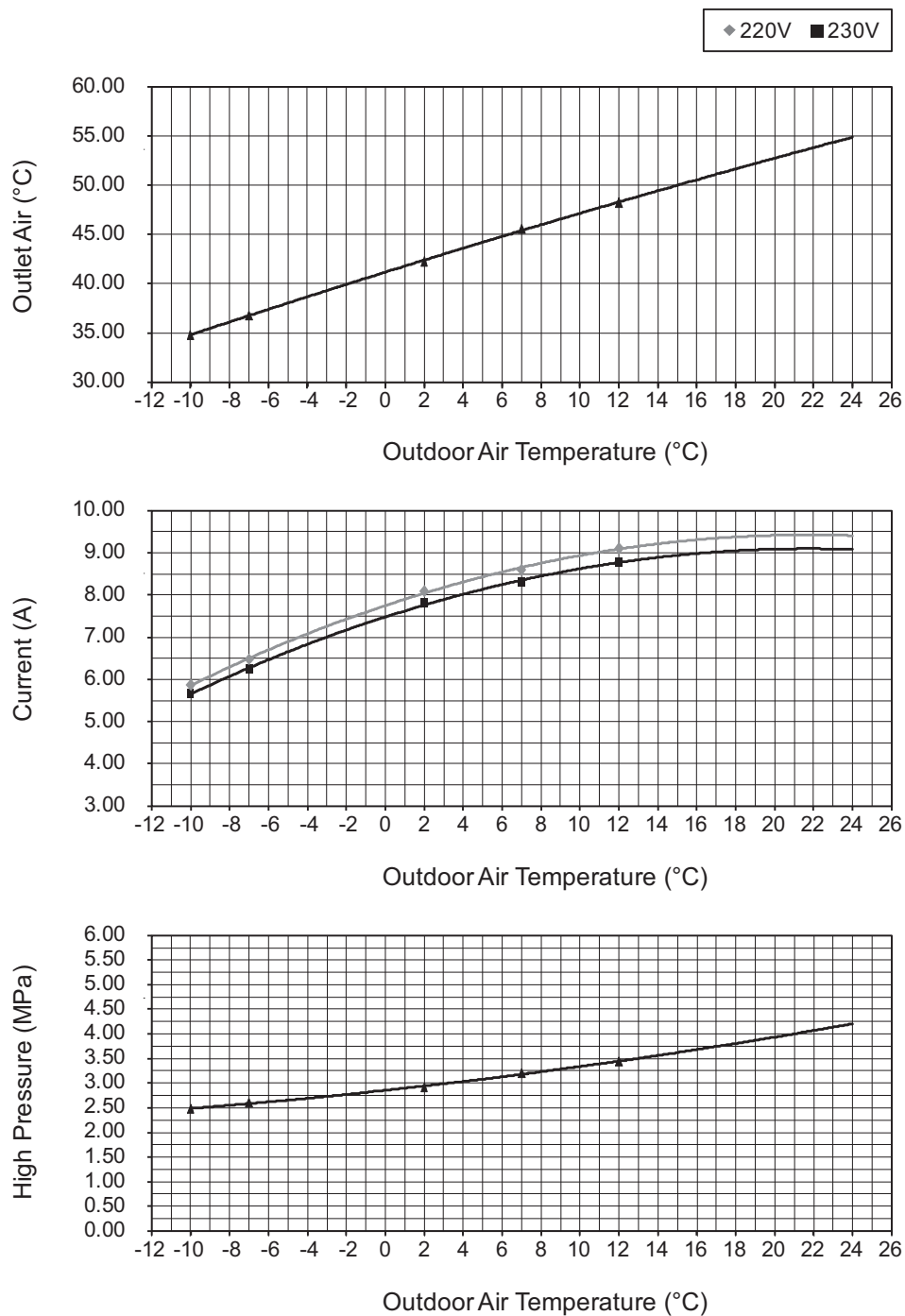


18.2 Heat Mode Outdoor Air Temperature Characteristic

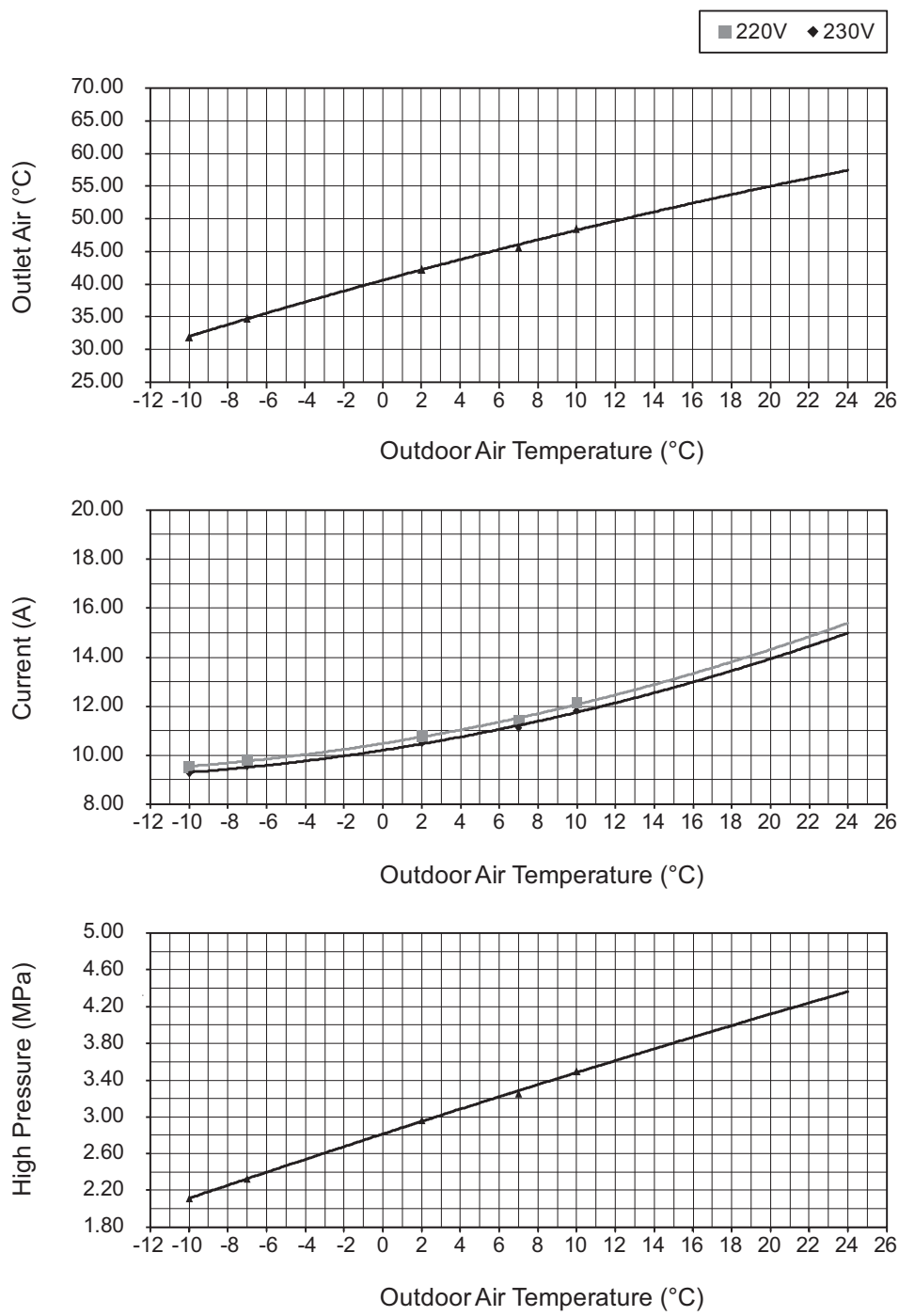
Condition

- Indoor room temperature: 20°C DryBulb/ -°C Wet Bulb
- Unit setting: Standard piping length, forced heating at 30°C, Hi fan
- Compressor frequency: Rated for Heating operation
- Voltage: 220V/230V

18.2.1 CS-E18RB4EAW CU-E18RBEA



18.2.2 CS-E21RB4EAW CU-E21RBEA

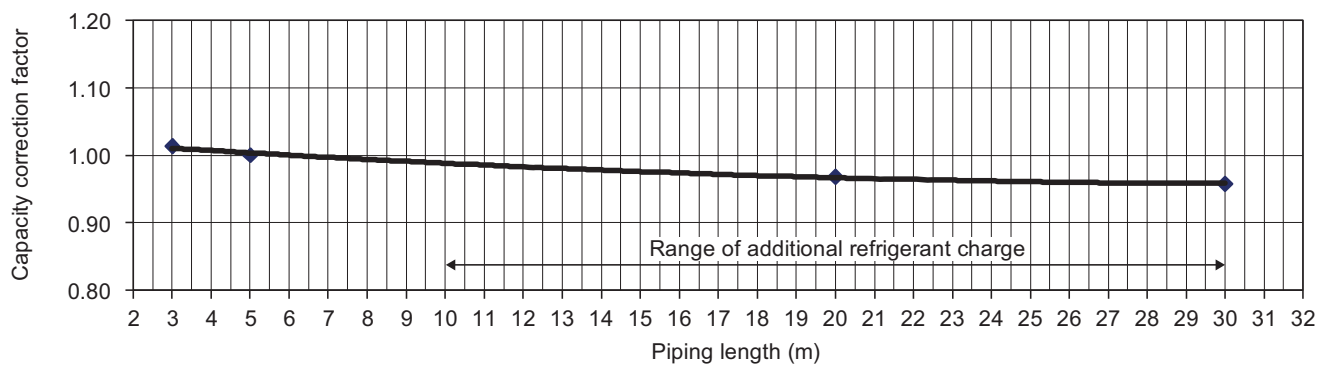


18.3 Piping Length Correction Factor

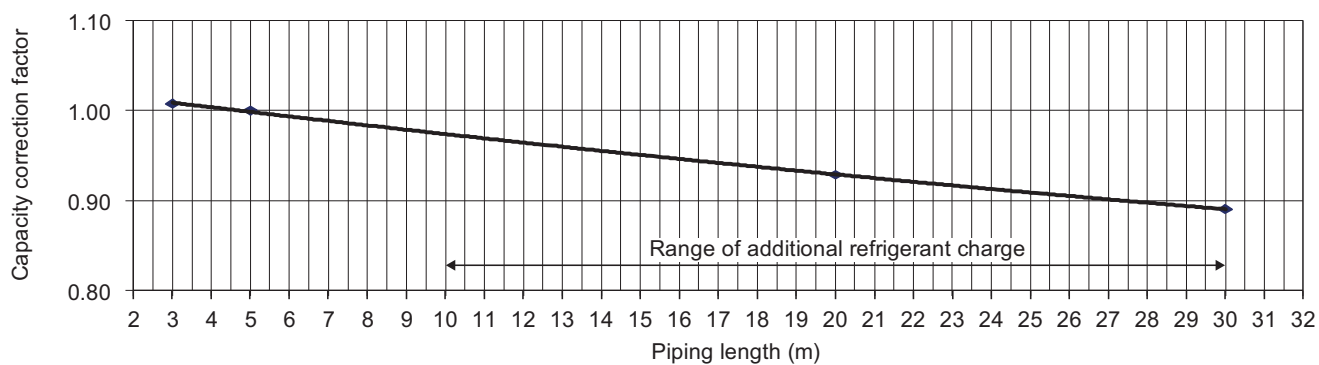
The characteristic of the unit has to be corrected in accordance with the piping length.

18.3.1 CS-E18RB4EAW CU-E18RBEA CS-E21RB4EAW CU-E21RBEA

18.3.1.1 Cooling Capacity



18.3.1.2 Heating Capacity



Note: The graphs show the factor after added right amount of additional refrigerant.